

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
December
2006

Arnold Schwarzenegger
Governor
State of California

Mike Chrisman
Secretary for Resources
The Resources Agency

Lester A. Snow
Director
Department of Water Resource

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://wwwoco.water.ca.gov>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Rewvisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

Printed copies of these reports may be available for a fee.
For details, please contact

State of California
Department of Water Resources
P.O. Box 942836
Sacramento, CA 94236-0001

Or call the DWR Publications Desk at (916) 653-1097

Please direct questions and comments regarding the contents of this report to the Operations Records and Reports Section at (916) 574-2672 or ocoweb@water.ca.gov

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA



For the month of:
December
2006

Arnold Schwarzenegger
Governor
State of California

Mike Chrisman
Secretary for Resources
The Resources Agency

Lester A. Snow
Director
Department of Water Resources

State of California
ARNOLD SCHWARZENEGGER, Governor

The Resources Agency
MIKE CHRISMAN, Secretary for Resources

Department of Water Resources
LESTER A. SNOW, Director

Department of Water Resources
Vacant, Chief Deputy Director

GERALD JOHNS
Deputy Director

RALPH TORRES
Deputy Director

MARK COWIN
Deputy Director

TIMOTHY HAINES
Deputy Director

JAMES LIBONATI
Deputy Director

Vacant
Deputy Director

DIVISION OF OPERATIONS AND MAINTENANCE

Carl Torgersen.....Chief, Division of Operations and Maintenance

This report was prepared under the direction of

David RooseChief, State Water Project Operations Control Office
Joel LedesmaChief, Systems Support Offiice
Chris Mattos.....Chief, Contract Administration & Reporting Branch

By the Reporting Section

Guy MasierSection Chief
Michael NolascoWater Resources Engineering Associate (Specialist)
Mary ValdezWater Resources Engineering Associate (Specialist)

Publication Date: August 12, 2008

The organization shown above represents staff and positions relevant to this report as of the publication date.
It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

Table of Contents

	Page
Organization Page	ii
Table of Contents.....	iii
Monthly Highlights.....	1

Oroville Field Division Water Operations

Table	Page
1 Antelope Lake, Daily Operation	2
2 Frenchman Lake, Daily Operation	3
3 Lake Davis, Daily Operation	4
4 Lake Oroville, Daily Operation	5
5 Thermalito Forebay, Including Diversion Pool and Power Canal, Daily Operation	6
6 Thermalito Afterbay, Daily Operation.....	7
7 Oroville-Thermalito Complex, Water Temperature Data	8

Delta Field Division Water Operations

8 North Bay Aqueduct, Delta Field Division.....	9
9 Delta Field Division Plant Data	10
10 Clifton Court Forebay, Daily Operation of Gates	11
11 Governor Edmund G. Brown California Aqueduct, Delta Field Division, Monthly Deliveries	12
12 South Bay Aqueduct, Delta Field Division, Monthly Deliveries.....	13
13 Lake Del Valle, Daily Operation	14

San Luis Field Division Water Operations

14 Consolidated State-Federal O'Neill Forebay, Daily Operations	15
15 Consolidated State-Federal San Luis Reservoir, Daily Operations.....	16
16 San Luis Field Division Plant Data.....	17
17 Consolidated State-Federal Los Banos Reservoir, Daily Operations	18
18 Consolidated State-Federal Little Panoche Reservoir, Daily Operations.....	19
19 Governor Edmund G. Brown California Aqueduct, San Luis Field Division, Monthly Deliveries	20
20 Consolidated State-Federal San Luis Canal, Daily Operations.....	22

San Joaquin Field Division Water Operations

21 San Joaquin Field Division Plant Data.....	23
---	----

22	Governor Edmund G. Brown California Aqueduct, San Joaquin Field Division, Monthly Deliveries	24
23	Governor Edmund G. Brown California Aqueduct, San Joaquin Field Division, Monthly Deliveries (Coastal Branch)	27
Southern Field Division Water Operations		
24	Southern Field Division Plant Data	28
25	Pyramid Lake, Daily Operation	29
26	Elderberry Forebay, Daily Operation	30
27	Castaic Lake, Daily Operation	31
28	Governor Edmund G. Brown California Aqueduct, Southern Field Division, Monthly Deliveries (West Branch)	32
29	Silverwood Lake, Daily Operation.....	33
30	Lake Perris, Daily Operation.....	34
31	Governor Edmund G. Brown California Aqueduct, Southern Field Division, Monthly Deliveries (East Branch)	35
Water Quality Operations		
32	Water Quality at Selected SWP Locations	37
33	Water Quality at Selected Delta Stations.....	38
34	Pesticides, Herbicides, and Other Organic Substances Detected in the SWP	39
Energy Operations		
35	Oroville and Delta Field Divisions Energy Data	40
36	San Luis Field Division Energy Data	41
37	San Joaquin Field Division Pumping Plant Energy Load Data.....	42
38	Southern Field Division Energy Data.....	43

MONTHLY HIGHLIGHTS

The following highlights are activities or actions that impacted State Water Project operations during the month of December 2006.

Statewide precipitation was about 75 percent of average for the 2006-2006 water year as of December 31. Statewide runoff was 80 percent of average for the water year. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: <http://cdec.water.ca.gov/snow-rain.html>.

On December 31, 2006, total storage in major SWP reservoirs was about 4.26 MAF, compared with about 4.66 MAF at this time in 2005. The average storage in the major SWP reservoirs at the end of December is about 4.61 MAF. The December 31 storage at Lake Oroville was about 2.68 MAF as compared to 2.92 MAF at this same time in 2005. The State's share of San Luis Reservoir storage was about 1.09 MAF, as compared with 1.17 MAF at this time in 2005. On December 31, the combined storage in our southern reservoirs was about 494 TAF, compared with about 566 TAF at this time in 2005.

Through December, SWP water deliveries for 2006 were about 5.06 MAF. This is a combination of project, transfer, and exchange waters. This is 50 TAF more than delivered during the same period in 2005.

The Coordinated Operations Agreement (COA) began December in "Excess" conditions. On December 2, by mutual agreement, the United States Bureau of Reclamation and the California Department of Water Resources declared "Balanced" Conditions in the Delta in accordance with Article 6(h) of the COA. On December 11, the Agencies declared "Excess Conditions", which continued through the end of the year. On December 26, the agencies agreed that the accumulated USBR-COA account balance be eliminated (zeroed out) because of flood control operations.

Table 1. Antelope Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

December 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right					
Nov 30	4995.92	17,308									
1	4995.92	17,308	0	20	0	0	0	1	21	21	
2	4995.86	17,260	-48	20	0	0	0	1	21	-3	
3	4995.82	17,228	-32	20	0	0	0	1	21	5	
4	4995.78	17,197	-31	20	0	0	0	1	21	5	
5	4995.74	17,165	-32	20	0	0	0	1	21	5	
6	4995.72	17,149	-16	20	0	0	0	1	21	13	
7	4995.69	17,125	-24	20	0	0	0	1	21	9	
8	4995.66	17,102	-23	20	0	0	0	1	21	9	
9	4995.65	17,094	-8	20	0	0	0	1	21	17	
10	4995.64	17,086	-8	20	0	0	0	1	21	17	
11	4995.64	17,086	0	20	0	0	0	1	21	21	
12	4995.64	17,086	0	20	0	0	0	1	21	21	
13	4995.66	17,102	16	20	0	0	0	1	21	29	
14	4995.69	17,125	23	20	0	0	0	1	21	33	
15	4995.76	17,181	56	20	0	0	0	1	21	49	
16	4995.76	17,181	0	20	0	0	0	1	21	21	
17	4995.72	17,149	-32	20	0	0	0	1	21	5	
18	4995.70	17,133	-16	20	0	0	0	1	21	13	
19	4995.64	17,086	-47	20	0	0	0	2	22	-2	
20	4995.62	17,070	-16	20	0	0	0	2	22	14	
21	4995.64	17,086	16	20	0	0	0	2	22	30	
22	4995.62	17,070	-16	20	0	0	0	2	22	14	
23	4995.60	17,054	-16	20	0	0	0	2	22	14	
24	4995.58	17,038	-16	20	0	0	0	2	22	14	
25	4995.54	17,007	-31	20	0	0	0	2	22	6	
26	4995.58	17,038	31	20	0	0	0	2	22	38	
27	4995.57	17,030	-8	20	0	0	0	2	22	18	
28	4995.55	17,015	-15	20	0	0	0	2	22	14	
29	4995.53	16,999	-16	20	0	0	0	2	22	14	
30	4995.51	16,983	-16	20	0	0	0	2	22	14	
31	4995.48	16,950	-33	20	0	0	0	2	22	5	
Total cfs-days				---	620	0	0	44	664	483	
Total ac-ft				-358	1,230	0	0	87	1,317	959	

Table 2. Frenchman Lake

Daily Operation
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

December 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	1/ Water Supply Contract	Water Right					
Nov 30	5579.01	42,376									
1	5579.01	42,376	0	2	0	0	0	2	4	4	
2	5579.00	42,362	-14	2	0	0	0	2	4	-3	
3	5579.00	42,362	0	2	0	0	0	2	4	4	
4	5579.00	42,362	0	2	0	0	0	2	4	4	
5	5579.00	42,362	0	2	0	0	0	2	4	4	
6	5579.00	42,362	0	2	0	0	0	2	4	4	
7	5579.00	42,362	0	2	0	0	0	2	4	4	
8	5579.01	42,376	14	2	0	0	0	2	4	11	
9	5579.03	42,403	27	2	0	0	0	2	4	18	
10	5579.03	42,403	0	2	0	0	0	2	4	4	
11	5579.06	42,443	40	2	0	0	0	2	4	24	
12	5579.07	42,456	13	2	0	0	0	2	4	11	
13	5579.08	42,470	14	2	0	0	0	2	4	11	
14	5579.08	42,470	0	2	0	0	0	2	4	4	
15	5579.06	42,443	-27	2	0	0	0	2	4	-10	
16	5579.07	42,456	13	2	0	0	0	2	4	11	
17	5579.07	42,456	0	2	0	0	0	2	4	4	
18	5579.07	42,456	0	2	0	0	0	2	4	4	
19	5579.06	42,443	-13	2	0	0	0	3	5	-2	
20	5579.06	42,443	0	2	0	0	0	3	5	5	
21	5579.14	42,550	107	2	0	0	0	3	5	59	
22	5579.13	42,537	-13	2	0	0	0	3	5	-2	
23	5579.15	42,564	27	2	0	0	0	3	5	19	
24	5579.15	42,564	0	2	0	0	0	3	5	5	
25	5579.11	42,510	-54	2	0	0	0	3	5	-22	
26	5579.17	42,590	80	2	0	0	0	3	5	45	
27	5579.18	42,604	14	2	0	0	0	3	5	12	
28	5579.19	42,617	13	2	0	0	0	3	5	12	
29	5579.19	42,617	0	2	0	0	0	3	5	5	
30	5579.19	42,617	0	2	0	0	0	3	5	5	
31	5579.20	42,631	14	2	0	0	0	3	5	12	
Total cfs-days				---	62	0	0	75	137	265	
Total ac-ft				255	123	0	0	148	271	526	

1/ Last Chance Creek Water District

Table 3. Lake Davis

Daily Operation
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

December 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right 1/					
Nov 30	5766.85	54,980									
1	5766.85	54,980	0	14	0	0.2	0	5	19	19	
2	5766.85	54,980	0	14	0	0.2	0	5	19	19	
3	5766.82	54,884	-96	19	0	0.2	0	5	24	-24	
4	5766.80	54,821	-63	23	0	0.2	0	5	28	-4	
5	5766.79	54,789	-32	23	0	0.2	0	5	28	12	
6	5766.78	54,757	-32	23	0	0.2	0	5	28	12	
7	5766.76	54,694	-63	23	0	0.2	0	5	28	-4	
8	5766.74	54,631	-63	23	0	0.2	0	5	28	-4	
9	5766.75	54,662	31	23	0	0.2	0	5	28	44	
10	5766.78	54,757	95	23	0	0.2	0	5	28	76	
11	5766.76	54,694	-63	23	0	0.2	0	6	29	-3	
12	5766.75	54,662	-32	23	0	0.2	0	6	29	13	
13	5766.75	54,662	0	23	0	0.2	0	6	29	29	
14	5766.74	54,631	-31	23	0	0.2	0	6	29	13	
15	5766.79	54,789	158	23	0	0.2	0	6	29	109	
16	5766.79	54,789	0	23	0	0.2	0	6	29	29	
17	5766.78	54,757	-32	23	0	0.2	0	6	29	13	
18	5766.77	54,726	-31	23	0	0.2	0	6	29	13	
19	5766.74	54,631	-95	23	0	0.2	0	6	29	-19	
20	5766.72	54,567	-64	23	0	0.2	0	6	29	-3	
21	5766.77	54,726	159	23	0	0.2	0	6	29	109	
22	5766.76	54,694	-32	23	0	0.2	0	6	29	13	
23	5766.74	54,631	-63	23	0	0.2	0	6	29	-3	
24	5766.72	54,567	-64	23	0	0.2	0	6	29	-3	
25	5766.67	54,409	-158	23	0	0.2	0	6	29	-51	
26	5766.75	54,662	253	23	0	0.2	0	6	29	157	
27	5766.80	54,821	159	23	0	0.2	0	6	29	109	
28	5766.79	54,789	-32	23	0	0.2	0	6	29	13	
29	5766.77	54,726	-63	23	0	0.2	0	6	29	-3	
30	5766.74	54,631	-95	23	0	0.2	0	6	29	-19	
31	5766.74	54,631	0	23	0	0.2	0	6	29	29	
Total cfs-days				---	685	0	6	0	176	868	
Total ac-ft				-349	1,359	0	12	0	349	1,721	
										1,372	

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli)

Table 4. Lake Oroville

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

December 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow						Inflow	
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Deliveries to Lime Saddle Marina	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/
Nov 30	840.26	2,679,820									
	1	839.81	2,673,981	-5,839	13,947	5	0	19	0	13,971	0
	2	840.13	2,678,133	4,152	1,509	4	0	134	0	1,647	0
	3	840.45	2,682,288	4,155	1,886	4	0	134	0	2,024	0
	4	839.98	2,676,186	-6,102	11,576	4	0	72	0	11,652	12
	5	839.57	2,670,869	-5,317	10,420	4	0	108	0	10,532	0
	6	839.45	2,669,315	-1,554	8,047	4	0	63	0	8,114	0
	7	839.22	2,666,336	-2,979	9,297	4	0	72	0	9,373	0
	8	839.08	2,664,525	-1,811	6,728	4	0	62	0	6,794	0
	9	839.97	2,676,056	11,531	1,350	4	0	80	0	1,434	0
	10	840.99	2,689,308	13,252	184	4	0	90	0	278	718
	11	840.90	2,688,137	-1,171	10,957	4	0	0	0	10,961	0
	12	841.00	2,689,438	1,301	14,048	4	0	36	0	14,088	0
	13	841.70	2,698,558	9,120	8,956	4	0	117	0	9,077	0
	14	842.44	2,708,222	9,664	8,397	4	0	0	0	8,401	0
	15	843.27	2,719,090	10,868	7,951	4	0	9	0	7,964	0
	16	843.70	2,724,733	5,643	7,064	4	0	73	0	7,141	0
	17	843.89	2,727,229	2,496	5,673	4	0	9	0	5,686	0
	18	843.87	2,726,966	-263	10,423	4	0	45	0	10,472	0
	19	843.83	2,726,441	-525	8,434	4	0	27	0	8,465	0
	20	843.87	2,726,966	525	7,879	4	0	91	0	7,974	0
	21	844.09	2,729,858	2,892	7,148	4	0	0	0	7,152	0
	22	844.29	2,732,489	2,631	6,856	4	0	0	0	6,860	0
	23	845.03	2,742,238	9,749	588	4	0	0	0	592	0
	24	845.18	2,744,217	1,979	6,794	4	0	0	0	6,798	0
	25	845.55	2,749,103	4,886	1,674	4	0	9	0	1,687	0
	26	845.79	2,752,276	3,173	5,903	4	0	0	0	5,907	0
	27	846.91	2,767,115	14,839	3,670	4	0	0	0	3,674	0
	28	847.65	2,776,951	9,836	3,406	4	0	0	0	3,410	0
	29	847.89	2,780,146	3,195	6,331	4	0	110	0	6,445	0
	30	848.34	2,786,144	5,998	2,533	4	0	28	0	2,565	0
	31	848.83	2,792,685	6,541	2,305	0	0	18	0	2,323	0
Total		112,865		201,934	127		0	1,406	0	203,467	730
315,602											

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation
(in acre-feet except as noted)

December 2006

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County 4/	Thermalito Irrigation District	Releases To River 5/	Hyatt Powerplant Pumpback	
Nov 30	23,271										
1	24,339	1,068	13,947	514	0	12,274	2	4	1,380	0	267
2	23,956	-383	1,509	514	0	1,126	2	4	1,378	0	104
3	24,156	200	1,886	514	0	860	2	4	1,374	0	40
4	23,949	-207	11,576	512	0	11,208	2	4	1,388	12	319
5	24,082	133	10,420	513	0	9,652	2	4	1,378	0	236
6	23,741	-341	8,047	513	0	7,846	1	4	1,376	0	326
7	23,670	-71	9,297	513	0	10,172	1	4	1,372	0	1,668
8	23,699	29	6,728	513	0	6,123	1	4	1,374	0	290
9	24,249	550	1,350	513	0	1,627	1	4	1,382	0	1,701
10	22,988	-1,261	184	513	0	52	1	4	1,380	718	197
11	23,835	847	10,957	513	0	9,574	1	4	1,380	0	336
12	23,294	-541	14,048	512	0	13,995	1	4	1,392	0	291
13	23,328	34	8,956	513	0	8,474	1	4	1,384	0	428
14	23,146	-182	8,397	513	0	7,928	1	4	1,376	0	217
15	23,444	298	7,951	513	0	7,012	1	4	1,396	0	247
16	23,737	293	7,064	513	0	6,148	1	4	1,404	0	273
17	24,378	641	5,673	513	0	4,784	1	3	1,402	0	645
18	24,010	-368	10,423	512	0	11,301	1	3	1,376	0	1,378
19	23,518	-492	8,434	513	0	8,420	1	3	1,384	0	369
20	23,675	157	7,879	513	0	7,014	1	3	1,390	0	173
21	23,694	19	7,148	513	0	5,859	1	3	1,394	0	-385
22	23,621	-73	6,856	513	0	6,011	1	3	1,392	0	-35
23	23,164	-457	588	513	0	340	1	3	1,390	0	176
24	23,544	380	6,794	513	0	5,702	1	3	1,392	0	171
25	23,731	187	1,674	513	0	720	1	3	1,390	0	114
26	23,421	-310	5,903	512	0	5,722	1	3	1,396	0	397
27	23,895	474	3,670	450	0	2,536	1	3	1,386	0	280
28	23,335	-560	3,406	513	0	3,282	1	3	1,390	0	197
29	23,482	147	6,331	513	0	5,562	1	3	1,392	0	261
30	23,722	240	2,533	513	0	1,578	1	3	1,392	0	168
31	23,677	-45	2,305	513	0	1,582	1	3	1,390	0	113
Total		406	201,934	15,839	0	184,484	36	109	42,970	730	10,962

1/ Sum of Thermalito Forebay and Diversion Pool.

4/ Includes 2 AF of entitlement water to Del Oro WD and 34 AF to Cal Water.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

5/ The sum of the flows from fish barrier dam and the fish hatchery.

3/ Includes Bypass flows at Thermalito.

Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

December 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Nov 30	131.73	38,142										
1	133.10	43,223	5,081	12,274	1,780	20	752	817	3,650	0	-174	5,030
2	131.53	37,425	-5,798	1,126	1,760	19	750	787	3,669	0	62	5,047
3	129.72	31,227	-6,198	860	1,760	19	748	786	3,650	0	-96	5,024
4	130.88	35,139	3,912	11,208	1,770	18	726	789	3,669	0	-324	5,057
5	131.60	37,675	2,536	9,652	1,770	13	712	789	3,669	0	-162	5,047
6	131.79	38,358	683	7,846	1,780	12	712	770	3,669	0	-221	5,045
7	132.25	40,036	1,678	10,172	1,800	9	710	720	3,650	0	-1,605	5,022
8	132.08	39,412	-624	6,123	1,830	8	710	655	3,669	0	124	5,043
9	130.27	33,055	-6,357	1,627	1,840	8	712	587	3,650	0	-1,187	5,032
10	128.12	26,191	-6,864	52	1,840	7	706	587	3,650	0	-126	5,030
11	128.97	28,814	2,623	9,574	1,840	10	712	590	3,669	0	-130	5,049
12	131.16	36,115	7,301	13,995	1,850	14	716	561	3,669	0	116	5,061
13	131.67	37,926	1,811	8,474	1,770	15	714	464	3,650	0	-50	5,034
14	132.02	39,193	1,267	7,928	1,710	10	712	393	3,650	0	-187	5,026
15	132.08	39,412	219	7,012	1,680	6	712	353	3,669	0	-373	5,065
16	131.99	39,083	-329	6,148	1,670	6	714	329	3,650	0	-108	5,054
17	131.35	36,785	-2,298	4,784	1,670	6	710	331	3,650	0	-715	5,052
18	132.29	40,183	3,398	11,301	1,670	6	684	367	3,511	0	-1,665	4,887
19	132.97	42,728	2,545	8,420	1,650	6	631	393	3,114	0	-82	4,498
20	133.34	44,143	1,415	7,014	1,630	6	615	395	2,698	0	-256	4,088
21	133.65	45,345	1,202	5,859	1,630	6	613	393	2,460	0	444	3,854
22	133.94	46,484	1,139	6,011	1,630	6	613	389	2,460	0	226	3,852
23	132.65	41,521	-4,963	340	1,630	6	609	389	2,460	0	-209	3,850
24	132.74	41,859	338	5,702	1,630	6	611	393	2,460	0	-265	3,852
25	131.48	37,247	-4,612	720	1,630	6	611	389	2,460	0	-237	3,850
26	131.58	37,603	356	5,722	1,630	6	613	391	2,975	0	248	4,371
27	130.54	33,970	-3,633	2,536	1,630	6	613	367	3,253	0	-301	4,639
28	129.73	31,260	-2,710	3,282	1,630	5	613	337	2,975	0	-432	4,365
29	129.86	31,688	428	5,562	1,630	5	613	341	2,598	0	53	3,990
30	128.76	28,155	-3,533	1,578	1,630	5	613	339	2,321	0	-203	3,713
31	127.68	24,880	-3,275	1,582	1,630	5	611	339	2,241	0	-31	3,631
Total		-13,262		184,484	53,000	275	20,890	15,530	100,188	0	-7,863	143,158

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

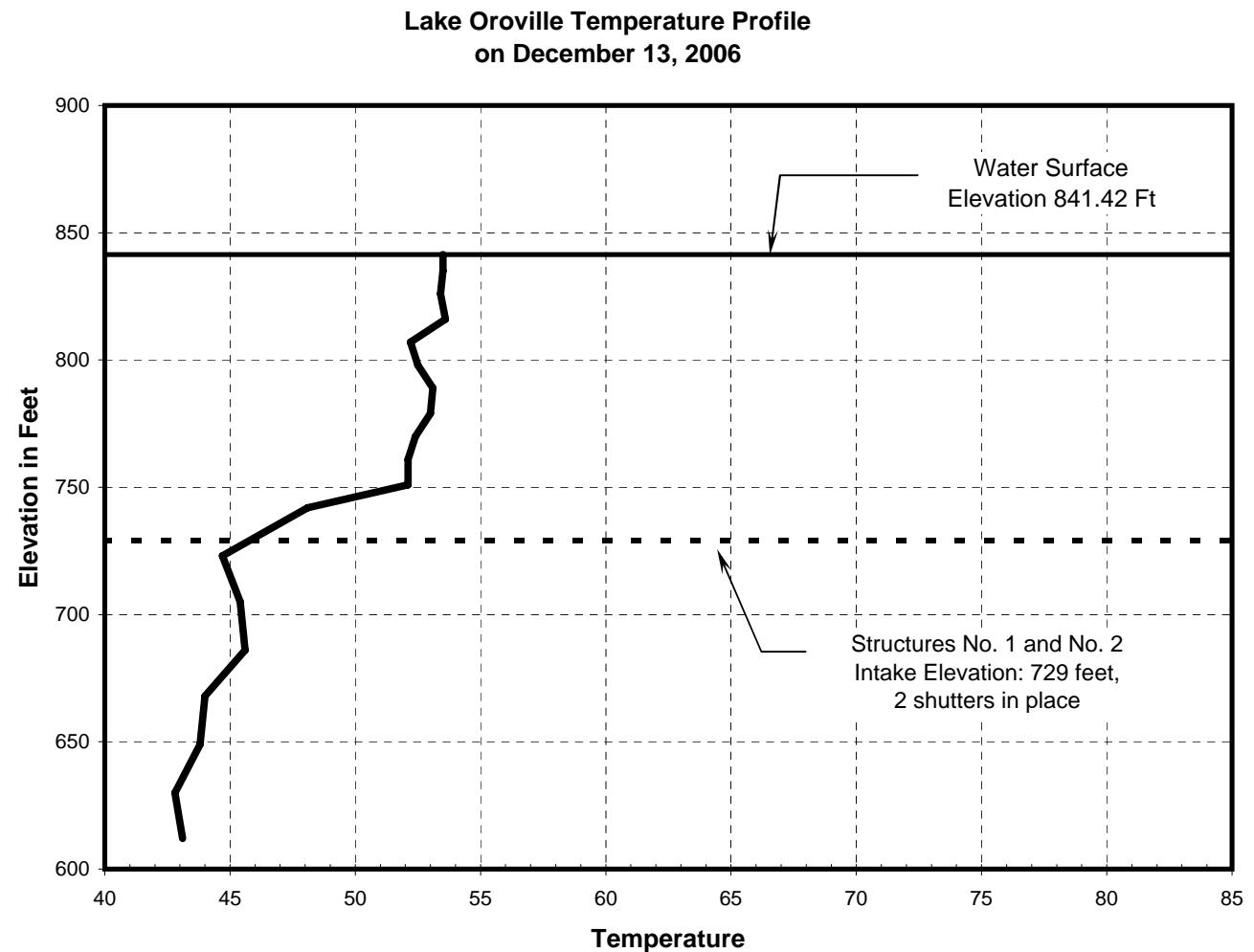
Table 7. Oroville-Thermalito Complex

Water Temperature Data

(in degrees Fahrenheit)

December 2006

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	47	52
2	47	51
3	47	51
4	47	51
5	48	51
6	48	51
7	49	50
8	48	50
9	49	50
10	49	50
11	49	50
12	49	50
13	49	50
14	51	50
15	51	49
16	49	48
17	49	48
18	47	49
19	46	48
20	46	48
21	46	48
22	46	48
23	45	48
24	45	47
25	45	47
26	45	47
27	46	47
28	45	46
29	44	46
30	44	47
31	44	47



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

Table 8. North Bay Aqueduct
Delta Field Division, Monthly Deliveries

December 2006

(In acre-feet)

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A		Permit	Article 21	Settlement	
	No.	Structure	Mile		M & I	Benicia				
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	4,059	26	56	454	211	
		Travis Surge Tank	8.78							
			8.80	Solano County Water Agency Travis AFB	82					
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	0					
				Solano County Water Agency Fairfield / Vacaville 42"	665					
	3A		17.00	Solano County Water Agency Central Solano	Stub	1/ 368	793	709	329	
		Cordelia Forebay	21.23							
		Cordelia Pumping Plant & Cordelia Spillway	21.30		3,131					
		Napa Pipeline	21.33	Solano County Water Agency Vallejo	1,161					
				Solano County Water Agency Benicia	1,038					
3B	2	Cordelia Surge Tank	23.33			184	743			
		Creston Surge Tank Connection	25.65							
			26.95	Napa County Flood Control & WCD American Canyon 2	184					
			27.27	Napa County Flood Control & WCD American Canyon 3	0					
		Napa Terminal Tank	27.58	City of Napa	743					
			27.60	Napa County Flood Control & WCD American Canyon 1	0					

1/ Includes 5 AF of Napa Co. FC&WCD entitlement through Solano Co.'s turnout (Reach 3A) for delivery to American Canyon and 363 AF of Solano County WA entitlement to the City of Vallejo.

Table 9. Delta Field Division Plant Data

(in acre-feet)

December 2006

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	138	103	13,075	13,075	97	0	0	55
2	138	106	13,108	13,108	97	0	0	55
3	133	107	13,397	13,397	98	0	0	48
4	149	113	10,435	10,435	98	0	0	50
5	143	105	8,912	8,912	100	0	0	53
6	136	102	8,998	8,998	128	0	0	56
7	146	108	9,792	9,792	128	0	0	66
8	149	107	8,224	8,224	108	0	0	37
9	144	109	9,898	9,898	106	0	0	74
10	134	106	10,298	10,298	95	0	0	37
11	142	113	13,169	13,169	88	0	0	52
12	137	121	11,173	11,173	123	0	0	37
13	137	98	12,325	12,325	117	0	0	17
14	123	89	14,082	14,082	158	0	0	0
15	119	95	14,498	14,498	176	0	0	0
16	129	107	14,209	14,209	268	0	0	0
17	112	88	14,685	14,685	285	0	0	0
18	154	113	14,788	14,788	230	0	0	0
19	142	121	14,695	14,695	269	0	0	0
20	136	102	14,285	14,285	266	0	0	0
21	110	84	13,184	13,184	288	0	0	0
22	124	95	14,252	14,252	338	0	0	0
23	116	90	14,236	14,236	337	0	0	0
24	100	79	15,183	15,183	332	0	0	0
25	109	81	14,619	14,619	321	0	0	0
26	126	99	15,172	15,172	308	0	0	0
27	137	107	15,264	15,264	288	0	0	0
28	117	94	14,347	14,347	288	0	0	0
29	124	92	13,742	13,742	255	0	0	0
30	134	102	13,161	13,161	228	0	0	0
31	121	95	14,704	14,704	270	0	0	0
Total	4,059	3,131	401,910	401,910	6,288	0	0	637

Table 10. Clifton Court Forebay

Daily Operation of Gates

December 2006

Date	Time								Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	0:01	12:30	15:30	21:30					13,247
2	0:45	13:30	16:15	19:30					13,237
3	1:45	14:15	17:00	20:40					13,225
4	2:30	15:00							11,079
5	0:01	0:15	3:15	16:00	18:30	21:45			11,105
6	0:01	1:00	4:00	16:30					9,537
7	0:01	1:45	4:45	16:45					8,716
8	0:01	2:30	5:30	13:42					8,310
9	0:01	3:15	6:15	13:40					9,898
10	0:01	4:00	7:00	19:46					11,288
11	0:01	3:53	7:45	22:00	23:15	---			13,233
12	---	3:24	8:30	19:30					10,700
13	0:30	4:45	9:30	19:30	23:00	---			11,701
14	---	11:15	14:30	21:00	23:55	---			12,791
15	---	12:00	15:00	20:30					14,262
16	0:30	12:45	15:30	20:30					14,274
17	1:15	13:30	16:00	19:00					14,678
18	2:00	14:15	16:45	19:00					14,659
19	2:30	14:45	17:30	19:20					14,652
20	3:15	15:30	18:00	20:00					14,651
21	3:45	16:15	18:45	22:30					14,667
22	0:01	1:30	4:30	17:00	19:30	22:30			14,661
23	0:01	2:00	5:00	17:45	20:15	23:00			14,860
24	0:01	2:45	5:45	19:00	21:00	---			14,688
25	---	2:30	6:30	20:00	22:00	---			14,382
26	---	3:10	7:30	21:15	23:25	---			14,871
27	---	5:15	8:15	20:05					14,855
28	0:45	5:43	6:42	10:00	13:30	19:45	22:45	---	13,187
29	---	11:00	14:15	20:45	23:45	---			14,064
30	---	12:00	15:00	21:45					14,602
31	0:45	13:00	15:45	22:45					14,854
Total inflow for the month in AF:									404,934

Table 11. Governor Edmund G. Brown California Aqueduct
 Delta Field Division, Monthly Deliveries

(In acre-feet)

December 2006

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries							
	Beginning and Ending				Table A	USBR	Local	Loan Water	Dry Year Purchase	Pool A Purchase	Pool B Purchase	
	No.	Structure	Mile									
1		Banks Pumping Plant	3.32	401,910								
2A	1	South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)	6,288	4	34	41	2	0	0	
		Check No. 1	5.95									
			8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	4							
		Check No. 2	12.01									
	3		12.47	Musco Olive	34							
		Check No. 3	18.29									
	4		22.16	Tracy Golf & Country Club	0							
		Check No. 4	23.99									
	5	Check No. 5	29.73									
	6	Check No. 6	34.24									
	7		35.22	Turlock Fruit Company Inflow	0							
		Check No. 7	39.91									
2B	8		42.46	Oak Flat Water District-A	0							
			42.9	Western Hills WD	41							
			43.81	Oak Flat Water District-B	0							
			44.64	Oak Flat Water District-C	0							
	9	Check No. 8	45.97									
			46.18	Oak Flat Water District-D	2							
	10			Oak Flat Totals:	2	2	0	0	0	0	0	
		Check No. 9	51.3									
	11	Check No. 11	61.4									
	12		66.14	Veteran's Cemetery	1							
		Check No. 12	66.71		388,533							

Table 12. South Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

December 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		No.			Table A	Article 21	Purchase Pool A	Local	Rec.		
	No.	Structure	Mile									
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	6,288	2	1					
			3.17	Granite - Vasco Rd. (Temp.)	0							
			3.18	Oakland Scavenger Zone 7	2							
		Check No. 1	3.91									
	2	Check No. 2	5.21									
2	3		7.21	Zone 7 Water Agency Altamont	1	873	1					
		Check	9.49	Zone 7 Water Agency Patterson								
		No. 3		Inflow Exchange Project Water	0							
4	4	Check No. 4	10.68			241	1					
	5	Check No. 5	12.29									
	6		13.55	Zone 7 Water Agency Wente #1	0							
			14.16	Zone 7 Water Agency Wente #2	1							
			14.31	Zone 7 Water Agency Ising	0							
		Check No. 6	14.65									
	7		14.78	Zone 7 Water Agency Arroyo Mocho Project Water	241							
		Check No. 7	16.38									
	8	Del Valle Branch Pipeline Junction	16.57	Zone 7 Water Agency Wente #3	0	13	13					
			16.63	Zone 7 Water Agency Wente #4	13							
			16.69	Zone 7 Water Agency Norman Nursery	0							
			16.70	Zone 7 Water Agency Concannon Project Water	0							
				Pumped into Lake Del Valle	0							
		Del Valle Branch Pipeline Junction		Pumped into South Bay Aqueduct	0							
				Gravity into South Bay Aqueduct	637							
5	8	Deliveries through Del Valle Branch Pipeline		Zone 7 Water Agency Arroyo Valle #1 & #2		6	249					
				Storage Exchange	0							
				Project Water	0							
				Storage Released	0							
				Inflow Release	249							
6			19.20	East Bay Regional Park Dist.		1	465					
				Del Valle Recreation	5							
				Zone 7 Water Agency Wente #5	6							
				Zone 7 Water Agency So. Livermore Project								
				Inflow Release	0							
7		La Costa Tunnel	22.50	Storage Release	0	76	76					
				Stored Exchange	0							
				Project Water	465							
8		Mission Tunnel	28.97	Zone 7 - Kalthrof Detjens	1	1,489	1,489					
				ACWD								
				Vallecitos Project Water	76							
9		Santa Clara Pipeline	35.86	City of San Francisco San Antonio	0	3,494	3,494					
				ACWD - Bayside 1 & 2								
				Inflow Release	0							
				Storage Release	0							
				Project Water	1,489							
				Storage Exchange	0							

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,106 ac-ft

December 2006

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct 2/	Recreation Deliveries 3/	Evaporation	Total Outflow	
Nov 30	681.18	26,396									
1	681.20	26,406	10	71	0	0	55	0	5	60	0.00
2	681.04	26,322	-84	-28	0	0	55	0	0	55	0.00
3	680.94	26,270	-52	-1	0	0	48	0	4	52	0.00
4	680.85	26,223	-47	5	0	0	50	0	2	52	0.00
5	680.72	26,155	-68	-11	0	0	53	0	4	57	0.00
6	680.39	25,984	-171	-111	0	0	56	0	4	60	0.00
7	680.24	25,907	-77	-8	0	0	66	0	3	69	0.00
8	680.15	25,861	-46	-6	0	0	37	0	4	41	0.00
9	680.00	25,784	-77	1	0	0	74	0	4	78	0.24
10	680.25	25,912	129	167	0	0	37	0	2	39	0.64
11	680.16	25,866	-46	7	0	0	52	0	1	53	0.01
12	680.12	25,845	-21	17	0	0	37	0	1	38	0.69
13	680.09	25,830	-15	2	0	0	17	0	1	18	0.01
14	680.09	25,830	0	0	0	0	0	0	0	0	0.00
15	680.09	25,830	0	2	0	0	0	0	2	2	0.10
16	680.11	25,840	10	14	0	0	0	0	4	4	0.00
17	680.11	25,840	0	2	0	0	0	0	2	2	0.00
18	680.11	25,840	0	2	0	0	0	0	2	2	0.00
19	680.11	25,840	0	2	0	0	0	0	2	2	0.00
20	680.10	25,835	-5	-1	0	0	0	0	4	4	0.00
21	680.08	25,825	-10	-8	0	0	0	0	2	2	0.00
22	680.13	25,850	25	27	0	0	0	0	2	2	0.46
23	680.13	25,850	0	3	0	0	0	0	3	3	0.00
24	680.13	25,850	0	1	0	0	0	0	1	1	0.00
25	680.14	25,855	5	5	0	0	0	0	0	0	0.00
26	680.15	25,861	6	7	0	0	0	0	1	1	0.00
27	680.23	25,902	41	48	0	0	0	1	6	7	0.63
28	680.29	25,933	31	38	0	0	0	1	6	7	0.00
29	680.34	25,958	25	30	0	0	0	1	4	5	0.00
30	680.35	25,964	6	9	0	0	0	1	2	3	0.00
31	680.36	25,969	5	7	0	0	0	1	1	2	0.00
Total				-427	294	0	0	637	5	79	721
											2.78

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Includes 249 AF of natural inflow released and 388 AF of project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

December 2006

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generated)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliv-eries 2/	
Nov 30	222.93	50,859										
1	222.32	49,235	-1,624	0	3,225	0	6,285	0	4,049	6,479	3	202
2	222.37	49,368	133	0	3,236	0	6,825	0	4,302	5,610	3	-79
3	221.68	47,546	-1,822	0	3,205	0	6,603	0	5,022	5,907	3	205
4	221.12	46,075	-1,471	0	3,233	0	5,076	0	3,516	5,477	3	-55
5	220.06	43,308	-2,767	0	3,167	0	4,322	0	2,892	5,993	3	4
6	219.67	42,299	-1,009	0	3,104	0	4,304	0	1,498	6,469	6	56
7	219.44	41,708	-591	0	2,625	0	5,349	0	2,437	6,098	2	265
8	219.13	40,915	-793	0	2,849	0	3,983	0	1,141	6,001	2	-88
9	220.32	43,983	3,068	0	2,956	0	4,317	0	1,138	4,558	2	-28
10	221.19	46,259	2,276	0	2,952	0	5,055	0	2,234	4,759	2	135
11	222.41	49,474	3,215	0	3,327	0	6,227	0	2,206	5,655	2	-70
12	223.85	53,323	3,849	0	3,547	0	5,947	0	2,867	4,647	2	-37
13	224.09	53,969	646	0	3,529	0	6,201	0	4,445	5,122	6	169
14	223.44	52,223	-1,746	0	3,526	0	6,826	0	6,404	5,132	1	305
15	224.08	53,942	1,719	0	3,451	0	6,976	0	5,372	4,405	1	218
16	223.29	51,821	-2,121	0	3,347	0	6,695	0	6,439	4,861	1	190
17	222.78	50,459	-1,362	0	3,341	0	7,450	0	6,554	4,648	1	-275
18	223.11	51,340	881	0	3,195	0	6,961	0	6,221	3,865	1	375
19	223.49	52,357	1,017	0	3,127	0	7,141	0	5,576	4,430	1	252
20	222.94	50,886	-1,471	0	3,127	0	6,802	0	5,947	4,846	6	128
21	222.33	49,261	-1,625	0	3,145	0	6,419	0	5,819	4,652	1	89
22	223.03	51,126	1,865	0	3,263	0	7,000	0	5,188	4,335	1	201
23	223.48	52,330	1,204	0	3,271	0	6,841	0	5,934	3,747	1	177
24	223.34	51,955	-375	0	3,259	0	7,348	0	8,017	3,217	1	439
25	223.70	52,920	965	0	3,253	0	7,167	0	7,021	3,031	1	120
26	224.72	55,672	2,752	0	3,261	0	6,982	0	6,397	3,061	1	603
27	224.97	56,351	679	0	3,405	0	7,546	0	7,672	3,755	6	824
28	224.40	54,806	-1,545	0	3,409	0	6,849	0	7,520	4,486	2	971
29	224.85	56,025	1,219	0	3,348	0	6,809	0	7,317	3,016	2	793
30	224.20	54,266	-1,759	0	3,365	0	6,528	0	7,240	4,218	2	680
31	224.84	55,998	1,732	0	3,411	0	7,048	0	6,940	3,486	2	842
Total			5,139	0	100,459	0	195,882	0	155,325	145,966	71	7,612
Mean cfs			---	0	3,241	0	6,319	0	5,010	4,709	2	246
Acre-feet			5,139	0	199,262	0	388,533	0	308,088	289,520	140	15,092

1/ Pump-in located at Mile 79.67R.

2/ Includes 24 AF delivered to DFG at O'Neill Forebay, 1 AF to the Cattle Program, and 115 AF to San Luis Water District.

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

December 2006

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 2,027,835 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)	Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.	
Nov 30	512.30	1,651,022						
1	512.90	1,658,128	7,106	4,049	0	159	0	-307
2	513.50	1,665,244	7,116	4,302	0	172	0	-542
3	514.22	1,673,797	8,553	5,022	0	167	0	-543
4	514.75	1,680,103	6,306	3,516	0	176	0	-161
5	515.16	1,684,987	4,884	2,892	0	180	0	-250
6	515.35	1,687,251	2,264	1,498	0	190	0	-167
7	515.69	1,691,307	4,056	2,437	0	187	0	-205
8	515.83	1,692,978	1,671	1,141	0	181	0	-118
9	515.97	1,694,649	1,671	1,138	0	175	0	-121
10	516.30	1,698,591	3,942	2,234	0	167	0	-80
11	516.60	1,702,177	3,586	2,206	0	156	0	-242
12	517.00	1,706,963	4,786	2,867	0	145	0	-309
13	517.70	1,715,350	8,387	4,445	0	155	0	-62
14	518.62	1,726,393	11,043	6,404	0	163	0	-674
15	519.40	1,735,776	9,383	5,372	0	143	0	-498
16	520.40	1,747,830	12,054	6,439	0	106	0	-256
17	521.45	1,760,517	12,687	6,554	0	103	0	-55
18	522.39	1,771,903	11,386	6,221	0	100	0	-381
19	523.21	1,781,856	9,953	5,576	0	102	0	-456
20	524.13	1,793,045	11,189	5,947	0	99	0	-207
21	525.03	1,804,014	10,969	5,819	0	90	0	-199
22	525.78	1,813,173	9,159	5,188	0	88	0	-482
23	526.62	1,823,450	10,277	5,934	0	78	0	-675
24	527.81	1,838,044	14,594	8,017	0	81	0	-578
25	528.90	1,851,446	13,402	7,021	0	70	0	-194
26	529.80	1,862,538	11,092	6,397	0	66	0	-739
27	530.80	1,874,889	12,351	7,672	0	81	0	-1,364
28	531.80	1,887,268	12,379	7,520	0	81	0	-1,198
29	532.70	1,898,434	11,166	7,317	0	96	0	-1,592
30	533.70	1,910,867	12,433	7,240	0	124	0	-848
31	534.60	1,922,081	11,214	6,940	0	132	1	-1,153
Total			271,059	155,325	0	4,013	1	-14,656
Mean cfs			---	5,010	0	129	0	-473
Acre-feet			271,059	308,088	0	7,962	1	-29,066

1/ Pacheco Tunnel, San Felipe Split; Santa Clara: 7,721 AF and San Benito: 241 AF.

Table 16. San Luis Field Division Plant Data

(in acre-feet)

December 2006

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant			San Felipe Project	
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	12,851	12,279	0	0	8,031	2,015	316
2	11,127	10,543	0	0	8,533	2,646	341
3	11,716	11,189	0	0	9,961	3,765	332
4	10,863	10,285	0	0	6,974	98	349
5	11,888	11,309	0	0	5,737	-1,050	358
6	12,831	11,321	0	0	2,972	-116	376
7	12,096	10,560	0	0	4,833	166	371
8	11,902	10,420	0	0	2,264	-1	359
9	9,040	7,551	0	0	2,258	-3	347
10	9,439	7,001	0	0	4,431	2,752	332
11	11,216	8,714	0	0	4,375	4,375	309
12	9,217	5,721	0	0	5,686	3,673	288
13	10,160	6,605	0	0	8,817	5,468	307
14	10,180	6,606	0	0	12,702	7,356	323
15	8,738	5,172	0	0	10,656	8,164	283
16	9,642	6,113	0	0	12,772	9,782	210
17	9,219	5,630	0	0	12,999	7,123	205
18	7,667	4,151	0	0	12,339	9,883	199
19	8,787	5,251	0	0	11,060	7,892	203
20	9,612	6,139	0	0	11,795	10,433	197
21	9,227	5,744	0	0	11,542	9,456	179
22	8,598	5,178	0	0	10,291	7,560	175
23	7,433	3,918	0	0	11,770	9,085	155
24	6,381	2,854	0	0	15,901	10,464	161
25	6,011	2,518	0	0	13,927	8,995	138
26	6,071	2,538	0	0	12,689	10,690	130
27	7,448	3,883	0	0	15,218	10,473	161
28	8,897	5,313	0	0	14,916	10,191	161
29	5,982	4,468	0	0	14,513	6,839	191
30	8,367	6,798	0	0	14,361	6,712	245
31	6,914	5,332	0	0	13,765	6,363	261
Total	289,520	211,104	0	0	308,088	181,249	7,962

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

Table 17. Consolidated State-Federal Los Banos Reservoir

Daily Operations
December 2006

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Nov 30	326.23	19,846					
1	326.23	19,846	0	0	0	0	0
2	326.22	19,841	-5	0	0	0	-5
3	326.21	19,836	-5	0	0	0	-5
4	326.21	19,836	0	0	0	0	0
5	326.21	19,836	0	0	0	0	0
6	326.20	19,832	-4	0	0	0	-4
7	326.20	19,832	0	0	0	0	0
8	326.20	19,832	0	0	0	0	0
9	326.21	19,836	4	2	0	0	0
10	326.19	19,827	-9	0	0	0	-9
11	326.18	19,823	-4	0	0	0	-4
12	326.20	19,832	9	5	0	0	-1
13	326.21	19,836	4	2	0	0	0
14	326.22	19,841	5	3	0	0	-1
15	326.22	19,841	0	0	0	0	0
16	326.20	19,832	-9	0	0	0	-9
17	326.19	19,827	-5	0	0	0	-5
18	326.19	19,827	0	0	0	0	0
19	326.18	19,823	-4	0	0	0	-4
20	326.17	19,818	-5	0	0	0	-5
21	326.19	19,827	9	5	0	0	-1
22	326.19	19,827	0	0	0	0	0
23	326.18	19,823	-4	0	0	0	-4
24	326.17	19,818	-5	0	0	0	-5
25	326.19	19,827	9	5	0	0	-1
26	326.22	19,841	14	7	0	0	0
27	326.21	19,836	-5	0	0	0	-5
28	326.17	19,818	-18	0	0	0	-18
29	326.16	19,813	-5	0	0	0	-5
30	326.15	19,809	-4	0	0	0	-4
31	326.15	19,809	0	0	0	0	0
Total			-37	29	0	0	-95
Mean cfs			---	1	0	0	---
Acre-feet			-37	58	0	0	-95

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

December 2006

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity: 5,580 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Nov 30	601.00	736					
1	601.00	736	0	0	0	0	0
2	601.00	736	0	0	0	0	0
3	601.00	736	0	0	0	0	0
4	601.00	736	0	0	0	0	0
5	601.00	736	0	0	0	0	0
6	601.00	736	0	0	0	0	0
7	601.00	736	0	0	0	0	0
8	601.00	736	0	0	0	0	0
9	601.00	736	0	0	0	0	0
10	601.00	736	0	0	0	0	0
11	601.00	736	0	0	0	0	0
12	601.00	736	0	0	0	0	0
13	601.00	736	0	0	0	0	0
14	601.00	736	0	0	0	0	0
15	601.00	736	0	0	0	0	0
16	601.00	736	0	0	0	0	0
17	601.00	736	0	0	0	0	0
18	601.00	736	0	0	0	0	0
19	601.00	736	0	0	0	0	0
20	601.00	736	0	0	0	0	0
21	602.60	826	90	45	0	0	1
22	602.60	826	0	1	0	1	0
23	602.60	826	0	1	0	1	0
24	602.60	826	0	1	0	1	0
25	602.60	826	0	1	0	1	0
26	602.60	826	0	1	0	1	0
27	602.70	832	6	4	0	1	0
28	602.70	832	0	1	0	1	0
29	602.70	832	0	1	0	1	0
30	602.70	832	0	1	0	1	0
31	602.65	829	-3	0	0	1	-1
Total			93	57	0	10	0
Mean cfs			---	2	0	0	---
Acre-feet				113	0	20	-93

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries

(In acre-feet)

Reach No.	Operating Pool			Turnout	Total Diversions	December 2006				
	Beginning and Ending		Structure			Deliveries				
	No.	Structure	Mile	USBR		Transfer	DWR Recreation	USBR Recreation		
2B	12	Check No. 12	66.71		388,533					
3A		San Luis Reservoir		Department of Parks and Recreation	1	7,721	241	1	0	
				San Felipe Division Santa Clara Water District	7,721					
				Casa de Fruta	0					
				San Felipe Division San Benito Water District	241					
				Reach 3A Subtotal:	7,963		7,962	0	1	
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation	0	115	24	0	0	
				Cattle Program	1			1	0	
				Department of Fish & Game	24					
		70.91 Thru 85.08		San Luis Water District	115			13	11	
				(Floodwater Inflow)	0					
				Reach 3 Subtotal:	140		115	0	14	
		Dos Amigos Pumping Plant	86.73		289,520					
4	14		89.03			1,403	1,403	0	0	
			Thru 94.06	San Luis Water District	1,403					
			89.66				341	341	0	
			Thru 89.67	Pacheco Water District	341					
			89.68	Panoche Water District	39					
		Check No. 14	89.70	City of Dos Palos	80	96	96	0	0	
			95.06							
			98.15				427	427	0	
			Thru 104.20	San Luis Water District	96					
		15	96.15							
			Thru 102.64	Panoche Water District	427					
			(Floodwater Inflow)	0						
			102.64	Broadview Water District	4					
			105.22				4,672	4,672	0	
		Check No. 15	Thru 108.64	Westlands Water District	4,672					
			108.50							
			Reach 4 Subtotal:	7,062	7,062	0	0	0	0	
			San Felipe Division Total:	7,962	7,962	0	0	0	0	
			Pacheco Water District Total:	341	341	0	0	0	0	
			Broadview Water District Total:	4	4	0	0	0	0	
			City of Dos Palos Total:	80	80	0	0	0	0	
			SLWD Reach 4 Subtotal:	1,499	1,499	0	0	0	0	
			Panoche Water District Total:	466	466	0	0	0	0	
			SLWD Total:	1,614	1,614	0	0	0	0	
			Westlands WD Reach 4 Subtotal:	4,672	4,672	0	0	0	0	

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

December 2006

Reach No.	Operating Pool			Turnout	Total Diver-sions	Deliveries					
	Beginning and Ending		Mile			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
5	16		110.52	(Reverse flow, Kings River)	0	4,172	4,172	0	0		
				Westlands Water District	4,172						
				Thru	0						
				122.05	69						
				Dept. of Fish and Game @ Lat. 4L	0						
	17		122.07	Dept. of Fish and Game @ Lat. 6L	69	6,589	6,589	0	69		
				Dept. of Fish and Game @ Lat. 7L	0						
				Check No. 16							
	18		124.18	Westlands Water District	6,589	7,120	7,120	0	69		
				Thru							
				132.74							
				Check No. 17							
				132.95							
6	19		133.81	Westlands Water District	7,120	3,192	3,192	0	69		
				Thru							
				142.61							
				Pleasant Valley Pumping Plant	3,192						
				143.16	Westlands Water District						
				143.16	City of Coalinga						
				Check No. 18	730						
				143.23							
				Reach 5 Subtotal:	21,872						
				GWF Energy	0	1/ 2	2/ 112	0	69		
7	20		145.26	City of Huron	0						
				SWP Construction @ Lat. 24R	2						
				Thru							
				151.19	Kings County to Lemoore NAS Through WWD						
				Kings County through WWD 30L	112						
				Westlands Water District	0						
				Check No. 19	12,320						
				155.64							
				Reach 6 Subtotal:	12,434						
				GWF Energy	0						
7	21		156.34	City of Huron	0	66	66	0	0		
				SWP Construction @ Lat. 24R	0						
				Thru							
				156.40	Kings County through WWD 31L, 32L, 33L, 34L, 35L, 36L						
				163.69	Westlands Water District						
				Check No. 20	10,146						
				164.69							
				164.79	City of Avenal	224	224	0	0		
				167.04	Westlands Water District						
				Thru							
				171.67	1,936						
				Check No. 21	216,393						
				Reach 7 Total:	12,372	12,372	0	0	0		
				SWP Construction Total:	0						
				Westlands WD Total:	50,147						
				City of Coalinga Total:	730						
				City of Huron Total:	66						
				Kings County to Lemoore NAS Through WWD	112						
				City of Avenal Total:	224						
Total San Luis Field Division Deliveries:					61,772	61,634	112	14	12		

1/ DWR water truck at 22R.

2/ Long-term POD from County of Kings to Lemoore Naval Air Base.

Table 20. Consolidated State-Federal San Luis Canal 1/Daily Operations
December 2006United States
Department of the Interior
Bureau of Reclamation
Central Valley ProjectState of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non- Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	Flow Past Check 21	
Nov 30	28,697								
1	29,094	397	0	6,479	53	8	986	5,253	21
2	28,290	-804	0	5,610	53	8	986	4,814	-155
3	28,235	-55	0	5,907	53	8	986	5,030	142
4	27,959	-276	0	5,477	53	8	986	4,183	-387
5	28,344	385	0	5,993	53	8	986	4,525	-227
6	28,597	253	0	6,469	53	8	986	4,697	-597
7	28,906	309	0	6,098	54	3	1,090	4,071	-725
8	29,280	374	0	6,001	54	3	1,090	4,434	-231
9	28,814	-466	0	4,558	54	3	1,090	3,346	-300
10	28,752	-62	0	4,759	54	3	1,090	3,637	-6
11	29,383	631	0	5,655	54	3	1,090	3,978	-212
12	28,242	-1,141	0	4,647	54	3	1,090	4,370	295
13	28,201	-41	0	5,122	54	3	1,090	3,728	-268
14	28,908	707	0	5,132	27	10	953	3,533	-252
15	28,879	-29	0	4,405	27	10	953	2,945	-485
16	28,778	-101	0	4,861	27	10	953	3,298	-624
17	28,842	64	0	4,648	27	10	953	3,245	-381
18	28,845	3	0	3,865	27	10	953	2,847	-26
19	28,845	0	0	4,430	27	10	953	3,358	-82
20	28,206	-639	0	4,846	27	10	953	4,074	-105
21	28,613	407	0	4,652	9	10	527	2,700	-1,201
22	29,211	598	0	4,335	9	10	527	3,080	-408
23	29,310	99	0	3,747	9	10	527	2,906	-245
24	29,004	-306	0	3,217	9	10	527	2,492	-334
25	29,459	455	0	3,031	9	10	527	2,250	-6
26	28,978	-481	0	3,061	9	10	527	2,410	-347
27	28,922	-56	0	3,755	13	10	528	2,992	-240
28	29,767	845	0	4,486	4	6	496	3,188	-366
29	28,526	-1,241	0	3,016	4	6	496	2,232	-903
30	29,120	594	0	4,218	4	6	496	3,117	-296
31	29,064	-56	0	3,486	4	8	496	2,364	-643
Total		367	0	145,966	968	235	25,891	109,097	-9,591
Mean cfs		---	0	4,709	31	8	835	3,519	-309
Acre-feet		367	0	289,524	1,920	466	51,354	216,393	-19,024

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 341 AF to Pacheco W.D., 80 AF to the City of Dos Palos, and 1,499 to San Luis Water District.

3/ Includes 66 AF to the City of Huron, 224 AF to the City of Avenal, 730 AF to the City of Coalinga, 0 AF to City of Huron P&R @ 22R, 42 AF to Lemoore N.A.S. @ 29L, 70 AF to Lemoore N.A.S. @ 30L, 0 AF to GWF @ 30L, 0 AF to Kings County @ 30L, 4 AF to Broadview WD @ 3L, 0 AF to DFG @ 4L, 0 AF to Pilobos Wildlife @ 4L, 69 AF to Mendota Water Fowl Habitat Area @ 6L, 2 AF DWR Water Truck for Arroyo @ 22R, 0 F DFG @ 7L, 3,192 to Pleasant Valley Pumping Plant, and 46,955 AF to Westlands Water District..

Table 21. San Joaquin Field Division Plant Data

(in acre-feet)

December 2006

23

Date	Coastal Aqueduct					California Aqueduct			
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant
1	150	150	62	57	63	4,964	4,790	4,523	4,481
2	179	179	82	77	86	4,836	4,831	4,545	4,650
3	112	112	66	62	69	4,488	4,685	4,474	4,505
4	121	121	56	51	57	4,403	4,549	4,338	4,374
5	187	187	69	65	70	4,543	4,778	4,582	4,612
6	148	148	54	51	51	4,456	4,637	4,449	4,474
7	136	136	60	57	64	4,559	4,718	4,505	4,527
8	107	107	64	59	64	4,355	4,510	4,378	4,274
9	124	124	78	74	85	3,884	4,100	3,917	3,803
10	101	101	69	61	64	3,554	3,651	3,438	3,321
11	79	79	64	58	66	3,717	4,011	3,798	3,892
12	88	88	54	51	56	4,083	4,118	3,853	3,872
13	160	160	45	41	47	3,401	3,436	3,207	3,084
14	161	161	60	55	61	3,343	3,293	3,096	3,138
15	111	111	33	30	35	3,306	3,321	3,105	3,138
16	148	148	56	52	60	3,249	3,271	3,081	3,138
17	27	27	50	47	53	3,033	3,453	3,199	3,249
18	122	122	37	35	40	2,572	2,585	2,342	2,278
19	251	251	56	49	54	2,593	2,310	2,049	2,135
20	211	211	51	47	52	3,395	3,029	2,854	2,863
21	208	208	51	47	53	3,411	3,162	2,947	2,897
22	242	242	60	56	62	3,139	3,347	3,093	3,139
23	183	183	64	57	63	3,495	3,355	3,140	3,192
24	111	111	48	44	52	3,334	3,678	3,410	3,365
25	118	118	49	45	52	3,411	3,550	3,302	3,312
26	129	129	47	44	48	3,383	3,415	3,282	3,214
27	195	195	39	37	41	3,588	3,690	3,489	3,394
28	171	171	51	46	53	3,991	3,869	3,427	3,444
29	151	151	49	46	50	3,726	4,086	3,750	3,859
30	203	203	62	57	64	3,884	3,793	3,561	3,544
31	115	115	52	50	56	3,463	3,561	3,354	3,498
Total	4,549	4,549	1,738	1,608	1,791	115,559	117,582	110,488	110,666

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

December 2006

(In acre-feet)

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries								
	Beginning and Ending		Mile			Table A	USBR	Article 21	Purch. Pool A	Purch. Pool B	Other Table A	Unscheduled		
	No.	Structure												
7	21	Check No. 21	172.40		216,393									
8C	22		172.66	Empire West Side Irrig. Dist. TL - A	1,873	1,327							1/ 546	
				County of Kings TL - A	211	211								
				Tulare Lake Basin WSD TL-A	13,358	3,602		9,744	12					
			175.18	Dudley Ridge WD - 1	1,029			1,029						
			177.54	Dudley Ridge WD - 1B	4			4						
			180.64	Tulare Lake Basin WSD - C	0				23					
			180.65	Dudley Ridge WD - 1A	23	37		1,572						
			182.99	Dudley Ridge WD - 2	2,009			20,759						
			183.00	Tulare Lake Basin WSD TL - B	22,570	1,811		1						
				County of Kings TL-B	18	18		1,833						
31A			184.00	Dudley Ridge WD - Paramount	1									
8D			184.63	Coastal Branch	4,549									
			184.78	Dudley Ridge WD - 3	1,833									
				Dudley Ridge Reach 8D Total:	4,899	37	0	4,462	0	0	400	0		
				Tulare Lake Basin WSD Total:	35,928	5,413	0	30,503	12	0	0	0		
			Check No. 22	184.82										
9	23		189.69	Kern County Water Agency Lost Hills Water Dist. - 1	376	376								
			191.18	Kern County Water Agency Lost Hills Water Dist. - 2	0									
			194.22	Kern County Water Agency Lost Hills Water Dist. - 3	11	11								
			196.40	Kern County Water Agency Berrenda Mesa - 2	0									
			196.75	Kern County Water Agency Lost Hills Water Dist. - 4	152	152								
				KCWA Reach 9 Subtotal:	539	539	0	0	0	0	0	0		
			Check No. 23	197.05										
			201.24	Kern County Water Agency Lost Hills Water Dist. - 7	42	42								
			202.05	Kern County Water Agency Lost Hills Water Dist. - 5	109	109								
			204.69	Kern County Water Agency Lost Hills Water Dist. - 6	0									
10A	24		205.26	Kern County Water Agency Lost Hills Water Dist. - 8	1	1								
			Check No. 24	207.94										
			209.71	Kern County Water Agency Belridge Water Storage Dist. - 1A	135	135								
			209.78	Kern National Wildlife Refuge USBR BV-1B	3,448		3/ 3,448							
				Kern County Water Agency Buena Vista WSD 1B	46	46								
			209.80	KCWA Semitropic WSD	1,105									
				KCWA Semitropic WSD Penstocks	161	1,105								
				USBR Total:	3,448	0	3,448	0	0	0	0	0		
				KCWA Reach 10A Subtotal:	1,599	1,599	0	0	0	0	0	0		

1/ Unscheduled surplus water.

2/ Change in point of delivery - Tulare Lake Basin Water Storage District's Table A water delivered thru Dudley Ridge WD's turnout in 8D.

3/ Includes 2,737 AF of water supplied by Rosedale Rio at O'Neill for Bureau of Reclamation and then moved to Kern National Wildlife Refuge and 711 AF of water from Bureau of Reclamation to Kern National Wildlife Refuge.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

December 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries								
	Beginning and Ending					Table A	USBR	Article 21	Purch. Pool A	Purch. Pool B	Other Table A	Unscheduled		
	No.	Structure	Mile											
11B	25		210.75	Kern County Water Agency Belridge - 2	0	631								
			214.11	Kern County Water Agency Belridge - 3	631									
			216.62	Kern County Water Agency Belridge - 4	0									
			217.13	Kern County Water Agency Belridge - 5A-C	1,642	1,642								
				Kern County Water Agency Belridge - 5D	120									
		Check No. 25	217.79											
				KCWA Reach 11B Subtotal:	2,393	2,393	0	0	0	0	0	0		
12D	26		219.58	Kern County Water Agency Belridge - 6	0	287								
				Kern County Water Agency West Kern - 3	287									
		Check No. 26	224.92											
12E	27		230.37	Kern County Water Agency Buena Vista - 6	0	33,235	5,805							
			Check No. 27	231.73										
	28		235.75	Kern County Water Agency Buena Vista - 2	0									
				Kern County WA CVC	39,040									
				DRWD CVC	0									
				Tulare Co.	0									
				Lower Tule River	0									
				Fresno Co.	0									
				Pixley ID	0									
				Hacienda DWR Wells	0									
	Check No. 28	238.11												
				1/ Arvin Edison Total:	0	0	0	0	0	0	0	0		
				Reach 12E Subtotal:	39,040	33,235	0	5,805	0	0	0	0		
13B	29		238.19	Kern Water Bank Inflow	0	5,828	5,032				2/ 1,074			
				Kern Water Bank Outflow	11,934									
			241.02	Kern River Intertie (inflow)	0									
			242.85	KCWA Buena Vista WSD - 7	3,314									
				KCWA Buena Vista WSD - 5	3,773									
			243.09	Kern County Water Agency Buena Vista - 3	6,649	6,649								
			Check No. 29	244.54										
	30		249.85	Kern County Water Agency Buena Vista - 4	1,370	1,370								
			Buena Vista Pumping Plant	250.99	115,559									
				KCWA Reach 13B Subtotal:	27,040	20,934	0	5,032	0	0	1,074	0		
14A	31		254.47	Kern County Water Agency West Kern - 2	0	3								
			256.11	Kern County Water Agency Wheeler Ridge-Maricopa - 2	3									

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Includes 133 AF of Article 21 water and 941 AF of Table A water delivered from Dudley Ridge WD to Kern Water Bank for storage.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

December 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending		Structure			Table A	USBR	Article 21	Purch. Pool A	Purch. Pool B	Other	Table A	
	No.	Structure	Mile	Purch. Pool A					Purch. Pool B	Table A	Unscheduled		
14A	31	Check No. 31	256.14			32							
	32		258.61	Kern County Water Agency Wheeler Ridge-Maricopa - 3	32								
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4	231								
		Check No. 32	261.72										
				KCWA Reach 14A Subtotal:	266				0	0	0	0	
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	763	193							
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6	193								
	34		267.36										
			270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	1,065								
		Check No. 34	271.27										
				Reach 14B Total:	2,021				0	0	0	0	
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	278	430							
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9	430								
			277.30	Kern County Water Agency Arvin-Edison WSD	412								
				Reach 14C Total:	1,120				0	0	0	0	
		Teerink Pumping Plant	278.13		117,582								
15A	36		279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A	3	1,413							
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10	1,413								
				Reach 15A Total:	1,416				0	0	0	0	
			280.36		110,488								
16A	37		282.06	Kern County Water Agency Wheeler Ridge-Maricopa - 11	0	37							
			283.95										
			285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12	12								
	38		286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A	48								
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13	0								
			287.09										
	39		287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B	37	37							
			290.21										
	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	301								
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15	3								
				Kern County Water Agency Tehachapi Cummings CWD	0								
				KCWA Reach 16A Subtotal:	401				0	0	0	0	
			293.45		110,666								
17E	Edmonston Pumping Plant												

1/ MWD Table A water delivered to Arvin Edison WSD for storage.

Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

December 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries								
	Beginning and Ending					Table A	USBR	Article 21	Purch. Pool A	Purch. Pool B	Other Table A	Unscheduled		
	No.	Structure	Mile											
31A	C-1	Coastal Branch Control	0.02		4,549	646	458	1,695						
		Las Perillas Pumping Plant	1.16		4,549									
	C-2		3.79		Green Valley Water District									
		Badger Hill Pumping Plant	4.27											
	C-3	Coastal Check No. 3	7.21											
	C-4		9.34		Castaic Lake WA (Devil's Den WD #1)									
		Coastal Check No. 4	9.34											
	C-5	Coastal Check No. 5	12.20											
	C-6		13.30		Kern County Water Agency Berrenda Mesa - 3									
			14.83		Kern County Water Agency Berrenda Mesa - 1									
					Kern County Water Agency Berrenda Mesa - PO									
		Devil's Den Pumping Plant	14.86											
				KCWA Reach 31A Subtotal:	2,153	2,153	0	0	0	0	0	0		
				KCWA Total:	78,275	65,952	0	10,837	0	412	1,074	0		
33A	C-7	Bluestone Pumping Plant	19.05		1,608	1,331	228	215						
	C-8	Polonio Pass Pumping Plant	26.54		1,791									
	C-9	Tank Site 1	27.81		(CCWA) Polonio Pass Treatment Plant									
	C-10	Shandon T.O.	38.23		Santa Barbara County (CCWA)									
		Tank Site 2	58.63		Central Coast:									
34	C-11	Chorro Valley T.O.	69.31		San Luis Obispo County (CCWA)	443	1,559	215	0	0	0	0		
		Energy Dissipater	78.12											
35	C-12	Lopez T.O.	85.86		SLOCFC & WCD	0	0	215	0	0	0	0		
					CCWA Total:									
		Guadalupe T.O.	102.70		SBCFC & WCD									
		Santa Maria T.O.	107.43		SBCFC & WCD									
38		So. Cal. Water T.O.	109.20		SBCFC & WCD	0	0	0	0	0	0	0		
					SBCFC & WCD Total:									
		Tank Site 5	115.42			0								

Table 24. Southern Field Division Plant Data

(in acre-feet)

December 2006

Date	West Branch					East Branch								East Branch Extension		
	Oso Pumping Plant	Warne Powerplant		Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley
		Generation	Bypass	Generation 1/	Pumpback 1/	Bypass Through Plant	Cottonwood Chute	Generation	Leakage	Bypass Flume						
28	1	0	0	0	0	0	0	5,017	4,264	4,160	0	0	3,462	41	39	31
	2	0	0	0	0	0	0	5,008	4,264	4,164	0	0	3,521	26	25	32
	3	0	0	0	0	0	0	4,996	4,264	4,157	0	0	3,418	28	26	30
	4	0	0	0	0	0	0	4,728	4,052	4,147	0	0	3,314	54	51	28
	5	0	0	0	0	0	0	5,149	4,264	4,043	0	0	3,541	54	52	31
	6	0	0	0	0	0	0	5,074	4,264	4,112	0	0	3,494	40	38	30
	7	0	0	0	0	0	0	4,950	4,264	4,097	0	0	3,261	40	38	32
	8	0	0	0	0	0	0	3,851	2,977	3,033	0	0	3,411	47	45	32
	9	0	0	0	0	0	0	3,264	4,264	4,184	0	0	3,187	26	25	32
	10	0	0	0	0	0	0	4,016	3,987	4,148	0	0	3,412	38	24	31
	11	0	0	0	0	0	0	4,406	3,803	3,860	0	0	3,279	54	47	28
	12	0	0	0	0	0	0	4,339	3,200	3,339	0	0	3,056	40	38	25
	13	0	0	0	0	0	0	3,174	2,874	2,896	0	0	2,836	40	39	32
	14	0	0	0	0	0	0	3,575	3,014	2,905	0	0	2,944	40	38	32
	15	0	0	0	0	0	0	3,323	2,933	2,905	0	0	3,060	40	38	32
	16	0	0	0	0	0	0	3,124	2,684	2,788	0	0	2,486	20	19	32
	17	0	0	0	0	0	0	2,930	2,563	2,589	0	0	2,187	26	24	32
	18	0	0	0	0	0	0	2,897	2,686	2,694	0	0	2,280	51	48	27
	19	0	0	0	0	0	0	2,149	1,581	1,661	0	0	2,731	54	52	30
	20	0	0	0	0	0	0	3,097	2,684	2,600	0	0	2,993	40	38	32
	21	0	0	0	0	0	0	2,967	2,684	2,755	0	0	3,054	40	38	32
	22	0	0	0	0	0	0	2,751	2,519	2,858	0	0	3,248	34	33	31
	23	0	0	0	0	0	0	3,386	2,940	2,942	0	0	3,090	26	26	32
	24	0	0	0	0	0	0	3,645	3,620	3,477	0	0	3,482	27	27	31
	25	0	0	0	0	0	0	3,862	3,340	3,463	0	0	3,051	26	26	32
	26	0	0	0	0	0	0	3,471	3,112	3,160	0	0	6,485	52	52	26
	27	0	0	0	0	0	0	3,673	3,339	3,352	0	0	3,248	52	52	30
	28	0	0	0	0	0	0	3,744	3,063	3,274	0	0	3,274	36	36	33
	29	166	0	0	0	0	0	4,050	3,111	2,965	0	0	3,378	27	27	33
	30	0	0	0	0	0	0	3,620	3,131	3,199	0	0	3,137	13	13	31
	31	0	0	0	0	0	0	3,893	3,446	3,413	0	0	3,351	25	25	28
	Total	166	0	0	0	0	0	118,129	103,191	103,340	0	0	100,671	1,157	1,099	950

1/ Values supplied by LADWP, not verified by DWR.

Table 25. Pyramid Lake
Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

December 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				Computed Losses (-) And Gains (+)	
				Project		Natural	Project		Natural	United Water Agency		
				Castaic Powerplant Pumpback 1/	Warne Powerplant	Stream Flow	Castaic Powerplant Generation 1/	Recreation Deliveries	To Piru Creek			
Nov 30	2571.14	161,196										
1	2571.15	161,208	12	0	0	30	0	0	30	0	12	
2	2571.12	161,171	-37	0	0	30	0	0	30	0	-37	
3	2571.18	161,246	75	0	0	30	0	0	30	0	75	
4	2571.05	161,083	-163	0	0	30	0	0	30	0	-163	
5	2571.00	161,021	-62	0	0	30	0	0	30	0	-62	
6	2570.93	160,934	-87	0	0	31	0	0	30	0	-88	
7	2570.93	160,934	0	0	0	32	0	0	30	0	-2	
8	2570.97	160,984	50	0	0	32	0	0	30	0	48	
9	2571.03	161,059	75	0	0	35	0	0	30	0	70	
10	2570.98	160,996	-63	0	0	42	0	0	30	0	-75	
11	2571.03	161,059	63	0	0	38	0	0	30	0	55	
12	2571.05	161,083	24	0	0	36	0	0	33	0	21	
13	2570.99	161,009	-74	0	0	34	0	0	35	0	-73	
14	2570.96	160,971	-38	0	0	34	0	0	35	0	-37	
15	2570.91	160,909	-62	0	0	34	0	0	35	0	-61	
16	2570.88	160,872	-37	0	0	34	0	0	35	0	-36	
17	2570.86	160,847	-25	0	0	35	0	0	35	0	-25	
18	2570.91	160,909	62	0	0	35	0	0	35	0	62	
19	2570.88	160,872	-37	0	0	33	0	0	35	0	-35	
20	2570.80	160,772	-100	0	0	35	0	0	36	0	-99	
21	2570.82	160,797	25	0	0	35	0	0	36	0	26	
22	2570.88	160,872	75	0	0	35	0	0	36	0	76	
23	2570.80	160,772	-100	0	0	34	0	0	36	0	-98	
24	2570.80	160,772	0	0	0	33	0	0	36	0	3	
25	2570.76	160,722	-50	0	0	32	0	0	36	0	-46	
26	2570.53	160,436	-286	0	0	32	0	0	36	0	-282	
27	2570.51	160,411	-25	0	0	35	0	0	36	0	-24	
28	2570.25	160,088	-323	0	0	36	0	0	36	0	-323	
29	2570.12	159,927	-161	0	0	33	0	0	36	0	-158	
30	2570.11	159,914	-13	0	0	33	0	0	36	0	-10	
31	2570.21	160,039	125	0	0	33	0	0	36	0	128	
Total			-1,157	0	0	1,041	0	0	1,040	0	-1,158	

1/ Values supplied by LADWP, not verified by DWR.

Table 26. Elderberry Forebay

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

December 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow		Computed Losses (-) And Gains (+)
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake	
							Natural	Project 1/
Nov 30	1470.00	7,341						
1	1470.00	7,341	0	0	0	0	0	0
2	1470.00	7,341	0	0	0	0	0	0
3	1470.00	7,341	0	0	0	0	0	0
4	1470.00	7,341	0	0	0	0	0	0
5	1470.00	7,341	0	0	0	0	0	0
6	1470.00	7,341	0	0	0	0	0	0
7	1470.00	7,341	0	0	0	0	0	0
8	1470.00	7,341	0	0	0	0	0	0
9	1470.00	7,341	0	0	0	0	0	0
10	1470.00	7,341	0	0	0	0	0	0
11	1470.00	7,341	0	0	0	0	0	0
12	1470.00	7,341	0	0	0	0	0	0
13	1470.00	7,341	0	0	0	0	0	0
14	1470.00	7,341	0	0	0	0	0	0
15	1470.00	7,341	0	0	0	0	0	0
16	1470.00	7,341	0	0	0	0	0	0
17	1470.00	7,341	0	0	0	0	0	0
18	1470.00	7,341	0	0	0	0	0	0
19	1470.00	7,341	0	0	0	0	0	0
20	1470.00	7,341	0	0	0	0	0	0
21	1470.00	7,341	0	0	0	0	0	0
22	1470.00	7,341	0	0	0	0	0	0
23	1470.00	7,341	0	0	0	0	0	0
24	1470.00	7,341	0	0	0	0	0	0
25	1470.00	7,341	0	0	0	0	0	0
26	1470.00	7,341	0	0	0	0	0	0
27	1470.00	7,341	0	0	0	0	0	0
28	1470.00	7,341	0	0	0	0	0	0
29	1470.00	7,341	0	0	0	0	0	0
30	1470.00	7,341	0	0	0	0	0	0
31	1470.00	7,341	0	0	0	0	0	0
Total			0	0	0	0	0	0

1/ Values supplied by LADWP, not verified by DWR.

Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

December 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Nov 30	1454.78	204,629								
1	1453.94	203,172	-1,457	0	0	3	1,430	0	-30	
2	1453.03	201,600	-1,572	0	0	3	1,504	0	-71	
3	1452.11	200,018	-1,582	0	0	3	1,536	0	-49	
4	1451.08	198,254	-1,764	0	0	3	1,739	0	-28	
5	1449.97	196,363	-1,891	0	0	3	1,899	0	5	
6	1448.95	194,634	-1,729	0	0	3	1,746	0	14	
7	1447.90	192,863	-1,771	0	0	3	1,747	0	-27	
8	1446.85	191,101	-1,762	0	0	3	1,738	0	-27	
9	1445.99	189,665	-1,436	0	0	3	1,656	0	217	
10	1445.09	188,168	-1,497	0	0	5	1,499	0	-3	
11	1444.25	186,777	-1,391	0	0	4	1,314	0	-81	
12	1443.50	185,540	-1,237	0	0	4	1,274	0	33	
13	1442.76	184,324	-1,216	0	0	3	1,240	0	21	
14	1441.95	182,999	-1,325	0	0	3	1,367	0	39	
15	1441.10	181,614	-1,385	0	0	3	1,373	0	-15	
16	1440.26	180,251	-1,363	0	0	4	1,333	0	-34	
17	1439.26	178,632	-1,619	0	0	4	1,734	0	111	
18	1437.94	176,507	-2,125	0	0	4	2,144	0	15	
19	1436.58	174,332	-2,175	0	0	4	2,182	0	3	
20	1435.21	172,153	-2,179	0	0	4	2,132	0	-51	
21	1433.97	170,194	-1,959	0	0	4	1,987	0	24	
22	1432.89	168,496	-1,698	0	0	4	1,666	0	-36	
23	1431.89	166,932	-1,564	0	0	4	1,448	0	-120	
24	1431.42	166,200	-732	0	0	3	1,205	0	470	
25	1430.66	165,019	-1,181	0	0	3	1,140	0	-44	
26	1429.86	163,780	-1,239	0	0	3	1,140	0	-102	
27	1429.10	162,607	-1,173	0	0	3	1,130	0	-46	
28	1428.34	161,439	-1,168	0	0	3	1,107	0	-64	
29	1427.66	160,398	-1,041	0	0	3	1,246	0	202	
30	1427.02	159,421	-977	0	0	3	958	0	-22	
31	1426.45	158,553	-868	0	0	3	941	0	70	
Total				-46,076	0	0	105	46,555	0	374

1/ Values supplied by LADWP, not verified by DWR.

Table 28. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

December 2006

Reach No.	Operating Pool			Turnout	Total Diver-sions	Deliveries						
	Beginning and Ending		No.			Table A	Rec.	Article 21	Transfer	Local	Purch. Pool A	
	No.	Structure	Mile									
29A	42	Oso Pumping Plant	1.49		166							
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Re-moved							
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub							
		Warne Power Plant	14.07		0							
29H	W3	Pyramid Lake		USFS Pyramid Recreation (T300)	0							
				United WA (T300)	0							
		Pyramid Dam	17.10	California State Park Piru Fish (T300)	0							
29J	W4	Castaic Power Plant	25.82	(No pumpback) 2/	0							
		Elderberry Forebay										
		Forebay Dam	28.12									
30 1/	W5	Castaic Lake		California State Park								
				Castaic Lake Recreation (T301)	4							
		Castaic Dam	31.47									
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	43,822							
				Castaic Lake WA 18", 24" & 54" (T303)	529							
				Castaic Lake WA Rio Vista T.P. (T304)	1,967							
				MWD-Ventura Co. WPD (T302)	233							
				Releases to Lagoon	0							
				Reach 30 Subtotal:	46,555	46,551	4	0	0	0	0	
	W6	Castaic Lagoon		California State Park Recreation to Lagoon (T353)	0							
		Castaic Lagoon Outlet	31.87		88							

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR

Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

December 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow					Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/	
				Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Project		Del. To Mojave W.A.	Natural To Mojave River				
Nov 30	3345.22	65,754												
1	3345.81	66,292	538	4,160	0	3	3	0	3,462	0	0	-160	3	
2	3346.77	67,171	879	4,164	0	3	2	0	3,418	0	0	132	3	
3	3347.75	68,076	905	4,157	0	3	3	0	3,314	0	1	63	3	
4	3348.45	68,725	649	4,147	0	3	2	1	3,541	0	0	43	3	
5	3349.04	69,276	551	4,043	0	3	3	0	3,521	0	0	29	3	
6	3349.60	69,800	524	4,112	0	3	3	0	3,494	0	1	-93	3	
7	3350.61	70,752	952	4,097	0	3	3	0	3,261	0	0	116	2	
8	3350.14	70,308	-444	3,033	0	3	2	1	3,411	0	0	-66	2	
9	3351.29	71,397	1,089	4,184	0	7	3	0	3,187	0	1	89	2	
10	3352.30	72,360	963	4,148	0	11	3	0	3,412	0	0	219	2	
11	3352.75	72,791	431	3,860	0	4	3	0	3,279	0	0	-151	2	
12	3352.97	73,003	212	3,339	0	3	2	1	3,056	0	1	-70	2	
13	3353.23	73,253	250	2,896	0	3	3	0	2,836	0	0	190	2	
14	3353.42	73,436	183	2,905	0	3	3	0	2,944	0	0	222	2	
15	3353.14	73,166	-270	2,905	0	3	3	0	3,060	0	1	-114	2	
16	3353.53	73,542	376	2,788	0	16	3	0	2,486	0	0	61	2	
17	3353.87	73,871	329	2,589	0	8	1	0	2,187	0	0	-80	2	
18	3354.26	74,249	378	2,694	0	6	3	0	2,280	0	1	-38	2	
19	3353.42	73,436	-813	1,661	0	6	3	0	2,731	0	0	254	2	
20	3352.89	72,926	-510	2,600	0	6	2	0	2,993	0	0	-121	2	
21	3352.64	72,686	-240	2,755	0	6	1	1	3,054	0	1	56	1	
22	3352.19	72,255	-431	2,858	0	6	2	0	3,248	0	0	-45	1	
23	3352.05	72,121	-134	2,942	0	6	2	0	3,090	0	0	10	2	
24	3351.93	72,006	-115	3,477	0	6	2	0	3,482	0	1	-113	1	
25	3352.65	72,695	689	3,463	0	6	3	0	3,051	0	0	274	0	
26	3352.24	72,302	-393	3,160	0	6	3	0	6,485	0	0	2,929	0	
27	3352.38	72,436	134	3,352	0	5	2	0	3,248	0	1	28	1	
28	3352.55	72,599	163	3,274	0	5	3	0	3,274	0	0	161	2	
29	3351.93	72,006	-593	2,965	0	5	3	0	3,378	0	0	-182	2	
30	3352.16	72,226	220	3,199	0	5	3	0	3,137	0	0	156	2	
31	3352.19	72,255	29	3,413	0	5	3	0	3,351	0	0	-35	2	
Total				6,501	103,340	0	161	79	4	100,671	0	9	3,763	62

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

Table 30. Lake Perris

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

December 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Nov 30	1556.62	62,913				
1	1557.14	63,822	909		5	
2	1557.58	64,595	773		5	
3	1557.94	65,231	636		5	
4	1558.41	66,065	834		4	
5	1558.79	66,743	678		48	
6	1558.98	67,083	340		72	
7	1559.00	67,119	36		6	
8	1559.00	67,119	0		5	
9	1559.09	67,280	161		5	
10	1559.05	67,209	-71		5	
11	1558.98	67,083	-126		5	
12	1559.09	67,280	197		5	
13	1558.98	67,083	-197		5	
14	1558.98	67,083	0		5	
15	1559.09	67,280	197		5	
16	1559.09	67,280	0		10	
17	1558.93	66,994	-286		5	
18	1558.98	67,083	89		6	
19	1558.98	67,083	0		4	
20	1558.98	67,083	0		5	
21	1559.09	67,280	197		5	
22	1559.20	67,478	198		6	
23	1559.20	67,478	0		438	
24	1559.18	67,442	-36		5	
25	1559.15	67,388	-54		5	
26	1559.37	67,784	396		6	
27	1559.37	67,784	0		4	
28	1559.37	67,784	0		6	
29	1559.29	67,640	-144		5	
30	1559.23	67,532	-108		5	
31	1559.29	67,640	108		5	
Total			4,727	7,416	705	-1,984

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

December 2006

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	Rec.	Article 21	Transfer	Local	Purch. Pool A	
	No.	Structure	Mile								
17E	40	Edmonston Pumping Plant	293.45	110,666							
	41		298.65		KCWA Tej.-Cas	Stub					
17F		Check No. 41	303.41								
18A	42		304.99	AVEK WA-Temp for TEA construction (T389)	0						
		Check No. 42	304.99								
19	43	Alamo Powerplant	305.73	(Includes 0 AF of generation and 118,129 AF of flow down Cottonwood Chute)	118,129						
			306.71								
			308.05								
		Check No. 43	309.70								
	44		311.84	LADWP Connection	0						
			313.50								
	45	Check No. 44	314.81	AVEK 235th Street West (T270)	0						
			314.93								
	46		315.57	AVEK 225th Street West (T271)	0						
		Check No. 45	319.74								
			323.19	Antelope Valley-East Kern WA Fairmont (T272) Mojave Water Agency Fairmont (T272)	607 23						
	47	Check No. 46	323.84								
20A	47	Check No. 47	326.77								
	48		326.91	Antelope Valley-East Kern WA Willow Springs (T273)	0						
			329.65								
	49	Check No. 48	330.82								
	49	Check No. 49	335.93								
20B	50		336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	3,383						
			339.68								
			340.92								
	50	Check No. 50	341.51								
	51		342.06	AVEK WA-Temp (T386)	2						
	51	Check No. 51	342.07								
21	52		342.95	Antelope Valley-East Kern WA 30th Street West (T414)	0						
		Check No. 52	343.74								
	53		348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	85						
		Check No. 53	348.17								
			349.52								
21	54	Check No. 54	350.25								
	55	Check No. 55	352.70								
	56	Check No. 56	354.76								
	57		354.97	AVEK WA-Delivered through Littlerock Creek ID (T278)	0						
			354.97								
			354.97								
22A	58	Check No. 57	356.93								
			357.60	AVEK 95th Street East (T279)	0						
			357.72								
			359.76	AVEK East Side Treatment Plant (T281)	228						

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

December 2006

(In acre-feet)

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending					Table A	Rec.	Article 21	Transfer	Local	Purch. Pool A		
	No.	Structure	Mile										
22B	58	Pearblossom Pumping Plant	360.61		103,191	591	397	4	79	1/ 62			
	59	Check No. 59	366.09										
	60		366.50		AVEK Big Rock Siphon (T368)								
		Check No. 60	373.94										
	61	Check No. 61	379.00										
	62	Check No. 62	384.26										
	63		389.20		Mojave Water Agency White Road 24" & 42" (T282)								
	64	Check No. 64	395.10										
	65	Check No. 65	400.32										
	66		401.10		Mojave Water Agency Morongo 24" & 42" (T284)								
23		Check No. 66	403.41										
		Mojave Siphon	405.58		Las Flores Ranch Exchange								
24	67	Mojave Siphon Powerplant	405.65			103,340	79	4	29,084	5,500	13,321		
		Silverwood Lake	407.65		MWA CS DAM (T288)								
25	67				California State Park Silverwood (T288)								
		San Bernardino Intake Tunnel	407.70		Crestline-Lake Arrowhead WA State-Project Water (T289)								
26A	68	Devil Canyon Powerplant	412.73			100,671	2/ 1,309	547	1,243	12,696	1,309		
					MWD-Rialto (T292)								
					MWD-Rialto (T293)								
		Devil Canyon Afterbay Control Structures	412.88		Desert Water Agency Transfer (T293)								
					Coachella Valley WD Transfer (T293)								
					MWD EBX-1 (T290)								
					MWD EBX-1 (T291)								
					East Branch Extension								
28G	69	Santa Ana Valley Pipeline	425.46										
28H			433.06		MWD-SC Box Springs (T295)								
			440.05		MWD-SC Perris Bypass Pipeline (T296)								
28J		Lake Perris	442.00		MWD-SC (T297)								
			443.44		MWD-SC 54" & 78" (T299)								
					Calif. State Park								
					Lake Perris Recreation (T298)								
					MWD Total:	135,224	135,224	0	0	0	0		

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow

2/ Includes 0 AF to San Gabriel Valley MWD, 353 AF to San Bernardino Valley MWD, and 956 AF to San Gorgonio Pass WA.

Table 32. Water Quality At Selected SWP Locations

December 2006

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Banks Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct				Devil Canyon Afterbay Near San Bernardino
						O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	
Alkalinity	mg/l as CaCO ₃	39	94	70	107	75	81	76	80	70
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.1	0.1	0.4	0.1	0.2	0.1	0.2	<0.1
Bromide	mg/l	<0.01	0.03	0.27	0.32	0.25	0.24	0.22	0.22	0.14
Calcium	mg/l	8	17	18	39	21	23	22	23	18
Carbon - Dissolved Organic	mg/l as C	NR	3	3	3	3	3	3	3	NR
Carbon - Total Organic	mg/l as C	NR	3	3	3	3	3	3	3	3
Chloride	mg/l	<1	18	88	113	83	82	80	81	53
Chromium	mg/l	<0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001
Copper	mg/l	<0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001
Fluoride	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hardness	mg/l as CaCO ₃	32	92	98	180	106	115	113	115	86
Iron	mg/l	<0.005	0.007	0.036	<0.005	0.019	0.009	0.014	0.009	<0.005
Lead	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	3	12	13	20	13	14	14	14	10
Manganese	mg/l	<0.005	0.012	0.017	0.031	0.009	<0.005	<0.005	<0.005	<0.005
Nitrate + Nitrite	mg/l as N	<0.01	0.54	0.68	NR	0.98	1.10	0.97	1.00	0.78
Phosphorus-Ortho	mg/l as P	<0.01	0.06	0.05	NR	0.09	0.08	<0.01	0.07	0.06
Phosphorus-Total	mg/l	0.01	0.12	0.08	NR	0.10	0.10	0.09	0.07	0.10
Selenium	mg/l	<0.001	<0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001
Sodium	mg/l	3	21	54	89	57	59	59	60	40
Specific Conductance	µS/cm	81	248	468	770	492	520	465	486	369
Sulfate	mg/l	2	20	27	99	36	44	37	42	31
Total Dissolved Solids	mg/l	53	159	266	447	272	290	269	281	208
Turbidity	NTU	2	14	6	6	7	2	2	2	13
Zinc	mg/l	0.008	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

Table 33. Water Quality At Selected Delta Stations

December 2006

Date	Antioch Tides (feet above mean sea level)		Flow In CFS		Electrical Conductivity in milliSiemens/cm									Cl in mg/l		
			Net Delta Outflow Index		Rio Vista	Antioch	Chippis Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal		
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average				md	md	md	14dm	md	14dm	md	md	
38	1	5.57	3.29	4,908	4,908	10,664	2.85	7.63	0.65	1.18	1.08	1.28	0.42	0.65	0.55	80
	2	5.79	3.51	3,191	4,050	9,787	3.18	8.53	0.87	1.18	1.18	1.29	0.40	0.67	0.56	80
	3	5.98	3.56	2,810	3,637	9,420	3.56	8.88	1.07	1.17	1.23	1.29	0.45	0.66	0.54	86
	4	6.33	3.85	3,603	3,628	9,265	4.14	9.86	1.46	1.18	1.38	1.30	0.46	0.69	0.53	90
	5	6.40	4.03	3,121	3,527	8,896	4.46	10.49	1.68	1.18	1.50	1.30	0.47	0.68	0.51	94
	6	6.36	4.05	3,978	3,602	8,908	4.40	10.56	1.66	1.18	1.48	1.30	0.49	0.68	0.50	94
	7	6.21	4.02	3,749	3,623	8,995	4.47	10.61	1.62	1.22	1.45	1.31	0.51	0.69	0.50	98
	8	6.42	4.24	3,933	3,662	9,205	4.89	11.49	2.00	1.26	1.62	1.32	0.58	0.67	0.50	98
	9	6.28	4.52	3,822	3,680	9,152	5.63	12.37	2.16	1.31	1.74	1.35	0.40	0.78	0.49	100
	10	5.45	4.32	7,675	4,079	11,137	4.99	10.97	1.31	1.30	1.45	1.35	0.50	0.68	0.53	100
	11	4.96	3.62	10,267	4,642	13,491	3.75	8.90	0.75	1.26	1.19	1.34	0.54	0.56	0.56	100
	12	5.23	3.47	12,016	5,256	13,686	3.58	8.74	0.75	1.26	1.17	1.34	0.48	0.58	0.58	105
	13	5.25	3.41	15,431	6,039	15,333	3.47	8.25	0.57	1.22	1.12	1.33	0.46	0.47	0.56	112
	14	5.50	3.57	15,718	6,730	16,347	3.64	8.69	0.61	1.23	1.15	1.34	0.46	0.49	0.55	105
	15	5.81	3.79	13,306	7,169	16,841	4.06	9.42	0.62	1.22	1.25	1.35	0.45	0.53	0.53	115
	16	6.18	4.01	16,695	7,764	20,092	3.97	9.01	0.48	1.20	1.38	1.37	0.40	0.58	0.48	107
	17	6.04	3.95	18,697	8,407	22,054	3.53	7.58	0.33	1.14	1.36	1.37	0.46	0.63	0.51	120
	18	6.06	0.00	14,732	8,759	20,370	3.06	0.00	0.39	1.07	1.35	1.37	0.46	0.65	0.50	112
	19	6.28	0.00	12,488	8,955	18,509	3.03	0.00	0.47	0.98	1.40	1.37	0.46	0.67	0.49	112
	20	6.23	3.94	9,943	9,004	16,341	2.52	6.21	0.48	0.90	1.34	1.36	0.48	0.68	0.46	112
	21	6.38	4.08	7,290	8,923	14,264	2.54	6.46	0.62	0.82	1.35	1.35	0.46	0.68	0.47	112
	22	6.18	3.97	6,967	8,834	13,465	2.33	6.27	0.48	0.72	1.27	1.32	0.53	0.79	0.46	122
	23	5.90	3.80	7,233	8,764	13,533	2.14	5.48	0.48	0.60	1.19	1.28	0.40	0.65	0.47	122
	24	5.54	3.65	7,354	8,705	13,512	1.97	5.19	0.43	0.53	1.14	1.26	0.40	0.59	0.47	117
	25	5.28	3.60	7,419	8,654	13,468	1.86	5.16	0.38	0.51	1.10	1.26	0.40	0.60	0.48	117
	26	5.70	3.94	6,741	8,580	13,176	2.13	6.46	0.44	0.48	1.13	1.25	0.53	0.63	0.48	117
	27	6.50	4.29	6,616	8,508	12,558	2.92	8.05	0.63	0.49	1.24	1.26	0.56	0.70	0.50	127
	28	5.54	3.30	9,441	8,541	14,177	1.65	4.50	0.42	0.48	1.03	1.25	0.57	0.55	0.57	122
	29	5.83	3.53	12,519	8,678	17,128	1.79	4.83	0.36	0.46	1.02	1.24	0.52	0.56	0.54	130
	30	6.20	3.77	19,034	9,023	23,072	1.75	4.58	0.32	0.45	1.03	1.21	0.40	0.59	0.49	125
	31	6.52	4.05	18,117	9,317	22,426	1.69	4.70	0.34	0.45	1.01	1.19	0.40	0.62	0.54	137

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

f = Excess Delta conditions with fish concerns.

N.R. = No Record.

r = Excess delta conditions with export/inflow ratio concerns.

N.C. = Not computed due to insufficient data.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP

December 2006

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
NORTH BAY AQUEDUCT	September 20, 2006	Triclopyr	0.20
BARKER SLOUGH PUMPING PLA	September 20, 2006	2,4-D	0.10
HARVEY O.BANKS	September 20, 2006	2,4-D	0.20
DELTA PUMPING PLANT			
O'NIELL FOREBAY OUTLET	September 20, 2006	2,4-D	0.10
CHECK 13			
DELTA MENDOTA CANAL	September 20, 2006	2,4-D	0.40
UPSTREAM OF McCABE ROAD			
CALIFORNIA AQUEDUCT NEAR	September 19, 2006	2,4-D	0.10
KETTLEMAN CITY (CK 21)			
CALIFORNIA AQUEDUCT NEAR	September 19, 2006	2,4-D	0.20
HYW 119 (CHECK 29)			
CALIFORNIA AQUEDUCT AT	September 20, 2006	2,4-D	0.10
TEHACHAPI AFTERBAY (CK 41)		Chlorpyrifos	0.01
DEVIL CANYON HEAD WORKS	June 21, 2006	N.D.	-

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

Table 35. Oroville and Delta Field Divisions Energy Data

(in kWh)		December 2006						
Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	8,621,720	4,540	25,520	35,810	3,730,630	3,730,630	73,030	850
2	811,980	10,470	25,380	37,700	3,731,940	3,731,940	72,380	840
3	1,047,520	10,130	24,310	37,850	3,806,140	3,806,140	72,470	840
4	7,372,490	4,890	27,780	38,950	2,964,200	2,964,200	72,580	850
5	6,629,820	4,200	26,410	37,880	2,524,770	2,524,770	74,380	850
6	4,993,350	4,080	24,720	35,810	2,544,520	2,544,520	97,640	840
7	5,794,650	4,030	27,160	38,760	2,774,300	2,774,300	97,640	840
8	4,049,240	3,110	27,820	38,650	2,331,520	2,331,520	79,670	840
9	653,280	4,890	26,710	38,470	2,798,540	2,798,540	79,440	830
10	38,000	534,790	24,360	38,600	2,919,460	2,919,460	71,290	840
11	6,832,660	70	26,500	38,090	3,738,700	3,738,700	74,670	830
12	8,753,680	110	24,920	41,000	3,365,410	3,365,410	94,920	840
13	5,527,540	60	24,960	33,290	3,431,960	3,431,960	90,460	830
14	5,290,180	0	22,140	35,850	3,947,170	3,947,170	129,670	830
15	4,895,070	0	21,260	33,510	4,060,130	4,060,130	143,290	830
16	4,314,940	0	23,080	37,320	3,975,230	3,975,230	212,450	830
17	3,449,520	0	19,750	33,550	4,151,900	4,151,900	226,640	830
18	6,542,510	0	29,060	37,740	4,128,860	4,128,860	178,970	840
19	5,334,050	0	26,230	41,040	4,107,580	4,107,580	214,800	870
20	4,620,540	0	25,270	36,260	4,062,850	4,062,850	210,460	930
21	4,371,990	180	19,980	30,280	3,751,380	3,751,380	231,080	910
22	4,117,590	570	22,800	29,580	4,045,920	4,045,920	265,200	910
23	264,300	11,340	21,030	30,750	4,045,740	4,045,740	257,070	900
24	4,129,440	4,090	18,060	28,930	4,308,710	4,308,710	259,860	900
25	908,030	11,100	19,830	28,370	4,150,850	4,150,850	250,440	910
26	3,587,060	4,030	22,980	31,120	4,321,670	4,321,670	242,720	900
27	1,924,010	4,380	25,260	32,090	4,240,460	4,240,460	231,140	890
28	1,914,120	4,200	21,320	33,000	3,989,300	3,989,300	231,270	890
29	3,799,850	4,310	22,410	32,330	3,822,660	3,822,660	199,010	890
30	1,390,220	7,660	24,350	33,070	3,671,100	3,671,100	176,270	880
31	1,264,160	8,580	21,720	32,040	4,100,410	4,100,410	205,870	880
Total	123,243,510	645,810	743,080	1,087,690	113,544,010	113,544,010	4,916,780	26,740

Table 36. San Luis Field Division Energy Data

(in kWh)

December 2006

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	1,795,370	1,715,370	0	0	2,701,260	677,260
2	1,523,020	1,443,020	0	0	2,933,450	909,450
3	1,600,010	1,528,010	0	0	3,405,530	1,287,530
4	1,502,310	1,422,310	0	0	2,433,930	33,930
5	1,641,670	1,561,670	0	0	2,028,300	-371,700
6	1,767,580	1,559,580	0	0	1,062,230	-41,770
7	1,637,540	1,429,540	0	0	1,648,060	56,060
8	1,669,980	1,461,980	0	0	788,950	12,950
9	1,262,200	1,054,200	0	0	788,770	12,770
10	1,300,580	964,580	0	0	1,548,780	966,780
11	1,541,600	1,197,600	0	0	1,516,360	1,516,360
12	1,264,900	784,900	0	0	1,936,230	1,252,230
13	1,371,040	891,040	0	0	3,011,660	1,867,660
14	1,366,690	886,690	0	0	4,438,040	2,570,040
15	1,175,470	695,470	0	0	3,711,480	2,843,480
16	1,310,840	830,840	0	0	4,493,410	3,441,410
17	1,232,380	752,380	0	0	5,150,310	2,822,310
18	1,046,290	566,290	0	0	4,360,710	3,492,710
19	1,191,740	711,740	0	0	3,994,250	2,850,250
20	1,327,960	847,960	0	0	4,328,910	3,828,910
21	1,271,550	791,550	0	0	4,294,590	3,518,590
22	1,205,940	725,940	0	0	3,767,520	2,767,520
23	1,014,480	534,480	0	0	4,384,140	3,384,140
24	868,050	868,050	0	0	6,106,960	4,018,960
25	825,440	345,440	0	0	5,422,280	3,502,280
26	824,490	344,490	0	0	4,775,700	4,023,700
27	1,002,360	522,360	0	0	5,876,710	4,044,710
28	1,191,170	711,170	0	0	5,783,850	4,783,850
29	820,280	612,280	0	0	5,674,620	2,674,620
30	1,108,880	900,880	0	0	5,633,890	2,633,890
31	943,970	727,970	0	0	5,579,660	2,579,660
Total	39,605,780	29,389,780	0	0	113,580,540	67,960,540

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

Table 37. San Joaquin Field Division Pumping Plant Energy Load Data

December 2006

(in kWh)

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	12,270	30,480	43,870	41,160	44,830	1,194,720	1,247,010	2,752,840	10,067,790
2	14,460	39,240	57,860	54,650	59,510	1,146,770	1,260,180	2,782,070	10,449,670
3	8,640	22,500	47,060	44,390	48,550	1,073,670	1,224,270	2,719,350	10,115,060
4	9,450	23,790	39,490	37,140	41,100	1,067,750	1,186,190	2,636,320	9,672,610
5	14,720	38,540	48,600	46,380	48,700	1,116,240	1,246,560	2,788,540	10,352,200
6	11,710	30,650	38,640	36,620	39,370	1,083,280	1,210,760	2,702,390	10,047,050
7	10,470	28,360	42,820	41,020	45,500	1,108,930	1,231,010	2,772,540	10,181,050
8	9,030	23,630	45,250	42,270	45,260	1,057,830	1,175,210	2,606,710	9,612,130
9	9,350	23,140	55,000	52,810	58,340	913,480	1,062,770	2,358,650	8,618,050
10	7,780	20,030	46,730	43,790	45,280	863,810	945,010	2,080,440	7,530,080
11	6,280	15,680	45,450	42,250	46,170	906,360	1,038,710	2,312,340	8,738,930
12	7,120	16,620	38,600	37,220	39,720	980,100	1,064,110	2,345,480	8,721,350
13	12,350	31,780	32,110	30,130	33,240	820,310	897,990	1,975,080	7,033,150
14	12,970	35,750	42,090	39,780	42,800	803,370	862,450	1,911,010	7,088,850
15	8,920	22,940	24,230	22,790	24,970	797,700	870,420	1,923,350	7,107,450
16	11,610	31,630	40,190	37,830	41,800	792,220	854,560	1,910,960	7,105,080
17	5,820	14,870	35,920	33,840	36,710	733,110	905,410	1,967,210	7,309,850
18	9,270	23,600	27,040	25,690	28,800	619,090	668,040	1,432,380	5,075,080
19	19,850	52,460	37,260	35,650	38,090	625,190	602,530	1,277,990	4,771,030
20	16,740	42,910	36,310	34,420	37,200	826,980	794,450	1,733,050	6,501,680
21	16,260	42,360	36,230	34,450	37,430	824,630	826,910	1,800,730	6,582,380
22	19,000	49,700	42,530	40,530	43,590	756,960	875,760	1,893,860	7,072,240
23	14,040	36,670	44,010	40,990	44,700	849,800	877,360	1,928,480	7,216,050
24	8,760	22,050	34,570	32,460	37,060	803,490	953,050	2,073,350	7,583,270
25	9,180	23,600	35,190	32,860	36,940	814,220	928,760	2,022,880	7,564,640
26	10,450	24,780	33,720	32,440	34,140	808,850	893,390	2,002,400	7,269,400
27	15,450	39,700	28,280	27,490	29,420	855,950	959,110	2,106,930	7,661,790
28	13,480	33,760	36,700	34,270	37,370	904,600	1,007,730	2,104,220	7,782,890
29	12,280	32,670	35,070	33,290	35,470	903,820	1,040,550	2,286,630	8,701,480
30	15,400	39,900	43,830	41,040	44,900	935,000	989,890	2,193,270	7,978,090
31	9,080	23,560	37,600	36,240	39,610	833,800	929,070	2,071,050	7,864,320
Total	362,190	937,350	1,232,250	1,165,890	1,266,570	27,822,030	30,629,220	67,472,500	249,374,690

Table 38. Southern Field Division Energy Data

(in kWh)

December 2006

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Generation /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green Spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	7,446	0	0	0	2,854,616	4,103,946	320,817	25,506	32,384	525
2	7,297	0	0	0	2,851,097	4,087,085	318,928	17,482	21,351	469
3	7,475	0	0	0	2,852,024	3,971,252	316,614	18,641	21,897	497
4	7,495	0	0	0	2,721,296	4,221,826	315,328	34,296	42,901	460
5	7,208	0	0	0	2,853,779	4,187,994	308,940	33,982	43,149	450
6	6,782	0	0	0	2,853,001	4,164,982	311,402	25,771	32,136	441
7	6,584	0	0	0	2,853,180	3,913,786	308,010	25,830	32,176	469
8	6,851	0	0	0	2,000,548	4,076,464	225,850	30,357	37,464	441
9	7,079	0	0	0	2,852,483	3,806,210	307,971	17,482	21,272	441
10	7,218	0	0	0	2,681,306	4,049,881	298,556	25,211	20,488	375
11	7,257	0	0	0	2,554,177	3,904,144	286,867	34,600	39,657	413
12	6,861	0	0	0	2,154,826	3,714,735	250,643	25,093	31,997	450
13	6,436	0	0	0	1,929,192	3,445,263	222,824	25,918	32,573	450
14	6,455	0	0	0	2,020,169	3,598,428	223,952	25,633	32,186	422
15	6,723	0	0	0	1,986,839	3,715,803	224,041	25,496	32,166	385
16	2,020	0	0	0	1,803,749	3,065,318	208,979	13,494	16,142	385
17	2,168	0	0	0	1,721,127	2,711,303	185,710	17,315	20,786	385
18	7,713	0	0	0	1,809,641	2,774,318	191,614	32,263	40,480	422
19	9,218	0	0	0	1,072,961	3,314,053	121,311	34,237	43,377	450
20	9,931	0	0	0	1,806,780	3,603,521	191,683	25,447	31,898	469
21	9,604	0	0	0	1,804,028	3,703,402	211,541	25,398	31,948	431
22	10,030	0	0	0	1,690,728	3,937,915	220,382	21,921	27,691	385
23	9,792	0	0	0	1,983,729	3,742,019	226,790	16,893	21,818	403
24	9,554	0	0	0	2,433,609	4,168,898	268,285	17,796	22,681	375
25	9,475	0	0	0	2,246,580	3,692,830	266,782	17,030	21,897	385
26	9,465	0	0	0	2,095,145	4,087,559	243,631	33,255	43,635	385
27	9,297	0	0	0	2,250,957	3,911,323	257,456	32,970	43,576	403
28	10,327	0	0	0	2,065,633	3,922,182	248,695	23,237	30,370	450
29	53,861	0	0	0	2,096,500	4,039,517	225,020	18,189	23,375	385
30	9,911	0	0	0	2,108,963	3,779,925	247,765	9,104	10,805	375
31	9,693	0	0	0	2,321,456	4,027,017	260,967	16,264	20,925	375
Total	287,228	0	0	0	69,330,120	117,442,900	7,817,356	746,111	925,201	13,150

1/ Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations.